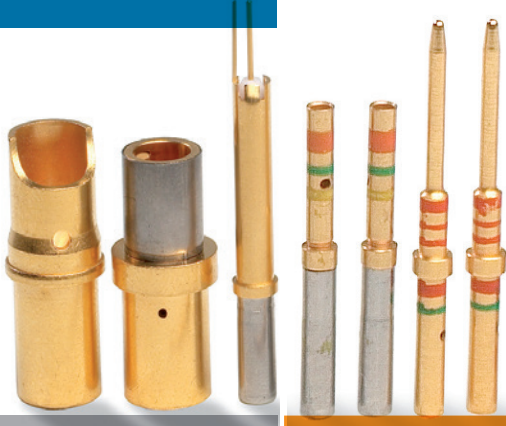




DEUTSCH SOLID CONTACTS FOR COPPER CABLES

INDUSTRY STANDARD CONTACTS

HARSH ENVIRONMENT RESISTANT SOLID
CONTACTS

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DEUTSCH SOLID CONTACTS FOR COPPER CABLES



HARSH ENVIRONMENT RESISTANCE

- High temperature operating
- Upgraded vibration resistance for engines
- NRG bands

INDUSTRIALISATION

- Certified production process (EN9001 and EN9100)
- Strategic manufacturing locations in 2 geographical areas for worldwide distribution

RELIABILITY

- EN3155 certification
- Customer Qualified Part Lists (ESC, ABS)

WIDE OFFERING

- More than 1400 references (standard and specific)

TE connectivity offers a complete range of solid contacts integrated into most of TE's DEUTSCH connectors currently available on aerospace, defense and marine markets.

These contacts are designed for standard applications up to 200°C but also to help withstand higher temperatures and higher vibration constraints up to 260°C for engine applications.

According to markets and customer needs, our contacts can be qualified to the EN3155 standard or to specific customer standards such as ESC or ABS qualifications.

Main contact families are :

SIGNAL CRIMP CONTACTS

- **AWG #24 to 12**

THERMOCOUPLE CONTACTS

- **AWG #22 to 12**

POWER CRIMP CONTACTS

- **AWG #10 to 0**

ACCESSORIES

- **Crimp tool**
- **Positioner**
- **Insertion/Extraction tool**
- **Sealing plugs**
- **Dummy contacts**

DATA CONTACTS

- **Coax**
- **Triax**
- **Quadrax**
- **Twinax**

TE Components . . . TE Technology . . . TE Know-how . . .
AMP | AGASTAT | CII | HARTMAN | KILOVAC | MICRODOT | NANONICS | POLAMCO | Raychem
SEACON | Rochester | DEUTSCH

Empower Engineers to Solve Problems, Moving the World Forward.

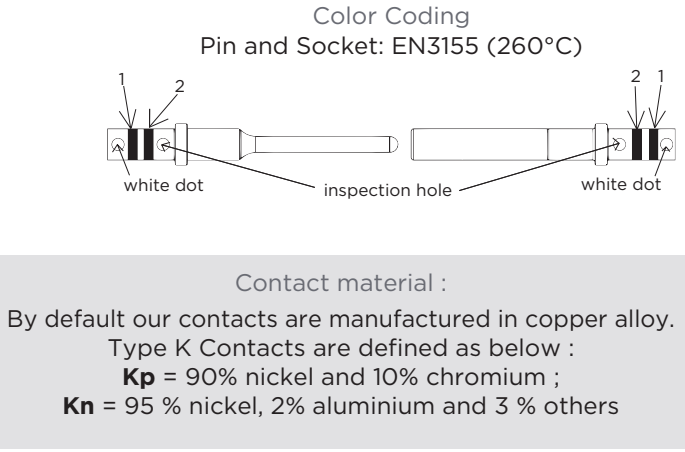
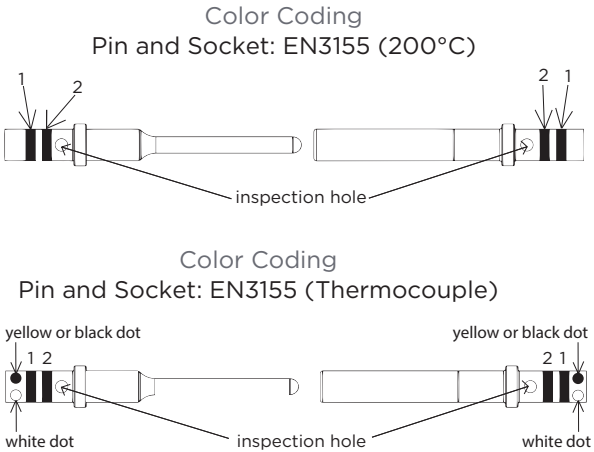
DEUTSCH Solid Contacts for Copper Cables



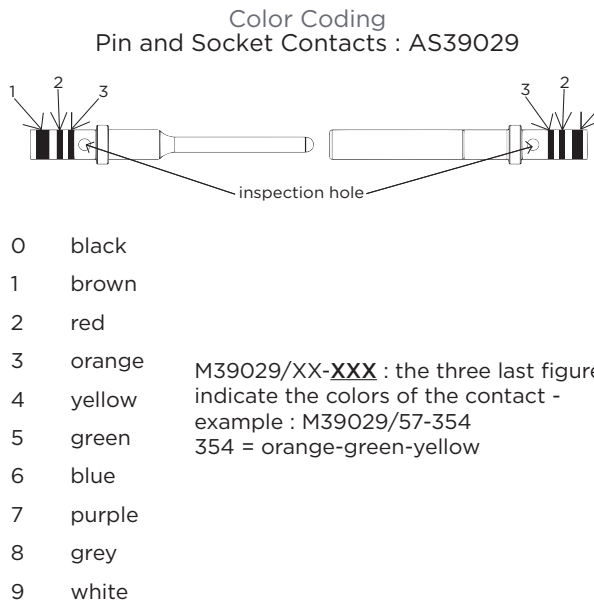
EN3155 colour coding

Band 1 defines conductor section and band 2 defines the size of the active area.
If the conductor section and active area have the same size, then the contact can be identified by a single colour band.

Contacts with « A » suffix are selectively gold plated contacts for 200°C connectors, such as 006-0937-20 A.

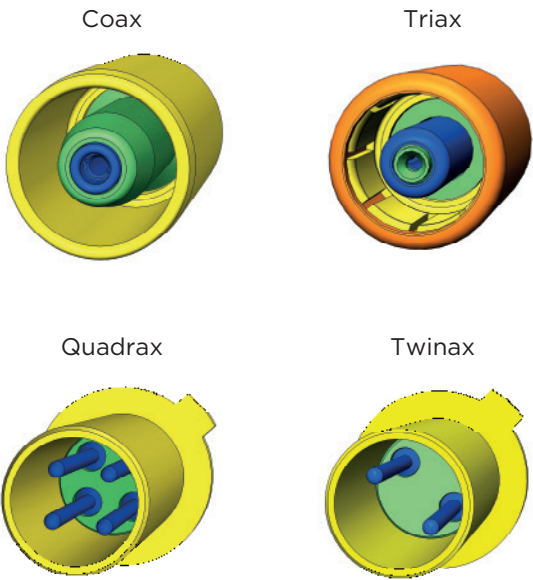


Size	24	23	22	20	16	12	10	8	4	0		
Band 1	black	violet	green	red	blue	yellow	white	red	blue	yellow		
AWG	26-30	24-28	22-26	22-28	20-24	18-22	18-24	16-20	14-18	14-20	12-14	10-12
Band 2	white	grey	green	black	red	purple	brown	blue	orange	white	yellow	brown



Band 1 is two times wider than two other bands.
AS39029 contacts don't have enlarged or reduced barrel

Data Contacts





DMC-M Series Contacts EN4165

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel
						AS39029	EN3155			
24	724-0001-24	-	-	-	P	-	-	-	-	standard
	724-0003-24	-	-	-	S					
23	182-4043-23	-	-	-	P	-	Green-Purple	-	-	standard
	182-4042-23	-	-	-	S					
22	724-0001-22	-	M39029/58-360	EN3155-008M2222	P	Orange-Blue-Black	-	-	-	standard
	724-0003-22	-	M39029/57-354	EN3155-003F2222	S	Orange-Green-Yellow				
22	182-0860-22*	-	-	EN3155-070M2220	P	-	Red-Green	-	-	enlarged
	182-0862-22*	-	-	EN3155-071F2220	S					
22 (Shunt)	724-1272-22	-	-	EN3155-082F2222	S	-	-	-	-	standard
20	724-0001-20	-	M39029/58-363	EN3155-008M2020	P	Orange-Blue-Orange	-	-	-	standard
	724-0003-20	-	M39029/57-357	EN3155-003F2020	S	Orange-Green-Purple				
20	724-1063-20	-	-	EN3155-008M2018	P	-	Brown-Red	-	-	enlarged
	724-1064-20	-	-	EN3155-003F2018	S					
16	724-0001-16	-	M39029/58-364	EN3155-008M1616	P	Orange-Blue-Yellow	-	-	-	standard
	724-0003-16	-	M39029/57-358	EN3155-003F1616	S	Orange-Green-Grey				
16	724-1063-16	-	-	EN3155-008M1614	P	-	White-Blue	-	-	enlarged
	724-1064-16	-	-	EN3155-003F1614	S					
12	724-0001-12	-	M39029/58-365	EN3155-008M1212	P	Orange-Blue-Green	-	-	-	standard
	724-0003-12	-	M39029/57-359	EN3155-003F1212	S	Orange-Green-White				
12	724-1063-12	-	-	-	P	-	White-Yellow	-	-	enlarged
	724-1064-12	-	-	-	S					
08 (Power)	724-0001-08	-	-	-	P	-	-	-	-	standard
	724-0003-08	-	-	-	S					
08 (Power)	182-0001-08	-	-	-	P	-	-	-	-	standard
	182-0003-08	-	-	-	S					
08 (Power)	182-0393-08	-	-	-	P	-	-	-	-	reduced
	182-0394-08	-	-	-	S					

* flange diameter 1.8



DMC-M Series Contacts - Tooling EN4165

Wire Range		Sealing plug Ref.	Crimp Tool		Positioner		Insertion/Extraction Tool
			Part No.	Mil Part No.	Part No.	Mil Part No.	
AWG	mm²						
24-26	0.15 - 0.25	-	057-0463-12	M22520/2-01	057-1030-02 057-1030-01	-	605837-22
22-26	0.15 - 0.40	-	057-0463-12	M22520/2-01	057-0467-32 057-0515-32	M22520/2-09 M22520/2-06	M81969/14-01
22-26	0.15 - 0.40	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0467-32 057-0515-32	M22520/2-09 M22520/2-06	M81969/14-01
20-24	0.25 - 0.60	028-0108-22 (yellow)	057-0463-12	M22520/2-01	057-0467-32 057-0515-32	M22520/2-09 M22520/2-06	M81969/14-01
22-26	0.15 - 0.40	028-0108-22 (yellow)	057-0463-12	M22520/2-01	057-0515-32	M22520/2-06	M81969/14-01
20-24	0.25 - 0.60	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M81969/14-10
18-24	0.25 - 1.00	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M81969/14-10
16-20	0.60 - 1.20	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M81969/14-03
14-20	0.60 - 2.00	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M81969/14-03
12-14	2.00 - 3.00	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M81969/14-04
10-12	3.00 - 5.00	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	-
08	5.30 - 8.98	-	057-0065-05 A	M300BT	057-0064-05 A	SP593	114-008 or M81969/14-06
08	5.15 - 8.98	-	057-0065-05 A	M300BT	057-0064-05 A	SP593	114-008 or M81969/14-06
10	5.3 - ?	-	057-0065-05 A	M300BT	057-0064-05 A	SP593	-



DTS-K/DTS-S Series Contacts
MIL-DTL-38999 III

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel		Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
						AS39029	EN3155					AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
22	724-0001-22	-	M39029/58-360	EN3155-008M2222	P	Orange-Blue-Black	-	-	-	standard		22-26	0.15 - 0.4	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0467-32	M22520/2-09	M81969/14-01 057-0286-22
	724-0007-22	-	M39029/56-348	EN3155-009F2222	S	Orange-Yellow-Grey													
22	182-0441-22*	-	M39029/107-620	-	P	Blue-Red-Black	-	-	-	standard		22-26	0.15 - 0.4	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0467-32	M22520/2-09	M81969/14-01 057-0286-22
	182-0447-22*	-	M39029/106-614	-	S	Blue-Brown-Yellow											M22520/2-07		
20	724-0001-20	-	M39029/58-363	EN3155-008M2020	P	Orange-Blue-Orange	-	-	-	standard		20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M15570-20 006-0902-20
	724-0007-20	-	M39029/56-351	EN3155-009F2020	S	Orange-Green-Brown													
20	724-1105-20	-	-	-	P	-	Green-Red	-	-	reduced		26-30	0.055 - 0.15	006-0893-20 (red)	057-0463-12	M22520/2-01	-	M22520/2-02	M15570-20 006-0902-20
	724-1106-20	-	-	-	S														
20	182-0068-20	-	-	-	P	-	Red-Red	Black	Kn	standard		20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M15570-20 006-0902-20
	182-0009-20	-	-	-	S	Yellow-Grey-Purple													
20	182-0069-20	-	-	-	P	-	Red-Red	Yellow	Kp	standard		20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M15570-20 006-0902-20
	182-0010-20	-	-	-	S	Yellow-Grey-Grey													
20	182-0441-20*	-	M39029/107-621	-	P	Blue-Red-Brown	-	-	-	standard		20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M15570-20 006-0902-20
	182-0447-20*	-	M39029/106-615	-	S	Blue-Brown-Green													
16	724-0001-16	-	M39029/58-364	EN3155-008M1616	P	Orange-Blue-Yellow	-	-	-	standard		16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M15570-16 006-0902-16
	724-0007-16	-	M39029/56-352	EN3155-009F1616	S	Orange-Green-Red													
16	182-0441-16*	-	M39029/107-622	-	P	Blue-Red-Red	-	-	-	standard		16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M15570-16 006-0902-16
	182-0447-16*	-	M39029/106-616	-	S	Blue-Brown-Blue													
12	724-0001-12	-	M39029/58-365	EN3155-008M1212	P	Orange-Blue-Green	-	-	-	standard		12-14	1.93 - 3.18	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M15570-12 006-0902-12
	724-0007-12	-	M39029/56-353	EN3155-009F1212	S	Orange-Green-Orange													
12	182-0441-12*	-	M39029/107-623	-	P	Blue-Red-Orange	-	-	-	standard		12-14	1.93 - 3.18	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M15570-12 006-0902-12
	182-0447-12*	-	M39029/106-617	-	S	Blue-Brown-Purple													
8	182-0001-08	-	-	-	P	-	-	-	-	standard		8	5.15 - 8.98	-	057-0540-10	M300BT	057-0064-05A	SP593	M81969/14-06 057-0286-08
	182-0003-08	-	-	-	S														
8	724-0001-08	-	-	-	P	-	-	-	-	standard		8	5.15 - 8.98	-	057-0540-10	M300BT	057-0064-05A	SP593	M81969/14-06 057-0286-08
	724-0003-08	-	-	-	S														

* 1500 cycles



DTS-K/DTS-S Series Contacts - Tooling
MIL-DTL-38999 III



DTS-K/DTS-S Series Contacts
MIL-DTL-38999 III Classes K and S

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel	
						AS39029	EN3155				
22	724-0001-22	-	M39029/58-360	EN3155-008M2222	P	Orange-Blue-Black	-	-	-	standard	
	724-0007-22	-	M39029/56-348	EN3155-009F2222	S	Orange-Yellow-Grey					
20	724-0001-20	-	M39029/58-363	EN3155-008M2020	P	Orange-Blue-Orange	-	-	-	standard	
	097-0236-20*	-	M39029/56-351	-	S	Orange-Green-Brown					
20	724-0001-20	-	M39029/58-363	EN3155-008M2020	P	Orange-Blue-Orange	-	-	-	standard	
	724-0007-20	-	M39029/56-351	EN3155-009F2020	S	Orange-Green-Brown					
20	182-0068-20	-	-	-	P	-	Red-Red	Black	Kn	standard	
	182-0009-20	-	-	-	S	Yellow-Grey-Purple	-				
20	182-0069-20	-	-	-	P	-	Red-Red	Yellow	Kp	standard	
	182-0010-20	-	-	-	S	Yellow-Grey-Grey	-				
20	724-1063-20	-	-	EN3155-008M2018	P	-	Brown-Red	-	-	Enlarged	
	724-1079-20	-	-	EN3155-009F2018	S	-					
16	724-0001-16	-	M39029/58-364	EN3155-008M1616	P	Orange-Blue-Yellow	-	-	-	standard	
	097-0236-16*	-	M39029/56-352	-	S	Orange-Green-Red					
16	724-0001-16	-	M39029/58-364	EN3155-008M1616	P	Orange-Blue-Yellow	-	-	-	standard	
	724-0007-16	-	M39029/56-352	EN3155-009F1616	S	Orange-Green-Red					
12	724-0001-12	-	M39029/58-365	EN3155-008M1212	P	Orange-Green-Orange	-	-	-	standard	
	097-0236-12*	-	M39029/56-353	-	S	Orange-Blue-Orange					
12	724-0001-12	-	M39029/58-365	EN3155-008M1212	P	Orange-Green-Orange	-	-	-	standard	
	724-0007-12	-	M39029/56-353	EN3155-009F1212	S	Orange-Blue-Orange					
08	182-0393-08	-	-	-	P	-	-	-	-	standard	
	182-0394-08	-	-	-	S	-					
08	724-0001-08	-	-	-	P	-	-	-	-	standard	
	724-0003-08	-	-	-	S	-					
08	182-4037-08	-	-	EN3155-065M0808	P	-	Red	-	-	standard	
	182-4038-08	-	-	EN3155-083F0808	S	-					
08	182-4034-08	-	-	EN3155-065M0810	P	-	White-Red	-	-	reduced	
	182-4035-08	-	-	EN3155-065M0810	S	-					

* NRG band contacts



DTS-K/DTS-S Series Contacts - Tooling
MIL-DTL-38999 III Classes K and S

Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
22-26	0.15 - 0.4	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0467-32	M22520/2-09	M81969/14-01
					057-0468-32	M22520/2-07	
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-20 006-0902-20
18-24	0,25-1	-	057-0461-11	M22520/1-01	057-0460-21	M22520/1-04	M81969/14-10
16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-16 006-0902-16
16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-16 006-0902-16
12-14	1.93 - 3.18	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-12 006-0902-12
12-14	1.93 - 3.18	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-12 006-0902-12
08	8,98	-	057-0540-10	M300BT	057-0541-30	SP593	M81969/14-06 057-0286-08
08	8,98	-	057-0540-10	M300BT	057-0541-30	SP593	M81969/14-06 057-0286-08
08	8,98	-	057-0540-10	M300BT	057-1036-08	-	M81969/14-06 057-0286-08
10	5,15	-	057-0540-10	M300BT	057-1036-08	-	M81969/14-06 057-0286-08



FAST Series Contacts EN3545

Signal

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Wire Range				Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
						AS39029	EN3155	Barrel	AWG	mm²		Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
22	724-0001-22	-	M39029/58-360	EN3155-008M2222	P	Orange-Blue-Black	-	standard	22-26	0.15 - 0.4		028-0102-22 (yellow)	057-0463-12	M22520/2-01	-	M22520/2-09	M81969/14-01 057-0286-22
	724-0003-22	-	M39029/57-354	EN3155-003F2222	S	Orange-Green-Yellow										M22520/2-06	
20	182-0120-20	-	-	EN3155-014M2018	P	-	Brown-Red	standard	18-24	0.25 - 1		006-0893-20 (red)	057-0463-12	M22520/2-01	057-0485-32	M22520/2-08	M81969/39-01 057-0620-60
	182-0118-20	-	-	EN3155-015F2018	S	-											
16	724-0001-16	-	M39029/58-364	EN3155-008M1616	P	Orange-Blue-Yellow	-	standard	16-20	0.6 - 1.2		006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-16 006-0902-16
	724-0003-16	-	M39029/57-358	EN3155-003F1616	S	Orange-Green-Grey											
16	724-1063-16	-	-	EN3155-008M1614	P	-	White-Blue	enlarged	14-20	0.6 - 2		006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0466-21	M22520/1-04	M15570-16 006-0902-16
	724-1064-16	-	-	EN3155-003F1614	S	Yellow-Grey-Purple											

K6 Power contacts for copper cable

Active area / Mating Size	Part No.	Former Syst. Part No.	ABS réf Contact	Sleeve	Type	Sealing plug	Wire Range			Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
						EN3155	AWG	mm²		Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
6	182-0672-06	182-0657-06	ABS1403-1K6KZ06	ABS0992B03	P	Green-Green	6	14		182-0601-06	M22520/23-01	M22520/23-03	WA23-196L	182-0659-06	025-0711-06 182-8004-08 A
	182-0704-06	182-0700-06	ABS1344-1K6LZ06		S										
8	182-0672-08	182-0661-06	ABS1403-1K6KZ08	ABS0992B01	P	Green-Red	8	9		182-0601-08	M22520/23-01	M22520/23-02	WA23-196L	182-0659-06	025-0711-06 182-8004-08 A
	182-0704-08	182-0701-06	ABS1344-1K6LZ08		S										
10	182-0672-10	182-0664-06	ABS1403-1K6KZ10	ABS0992B02	P	Green-Brown	10-12	3-5		182-0601-10	AWG 10: M22520/23-01 AWG 12: M300BT	AWG 10: WA23-265 DA AWG 12: included in M300BT	AWG 10 : WA23-296L	182-0659-06	025-0711-06 182-8004-08 A
	182-0704-10	182-0702-06	ABS1344-1K6LZ10		S								AWG 12 : TP1498	057-0860-06	

Dummy contact

Active area / Mating Size	Part No.	ASNE Ref.
20	182-0899-20	ASNE0397FY2000
16	182-4114-16	ASNE0397FY1600
12	182-0899-12	ASNE0397FY1200



FAST Series Contacts - Tooling EN3545



FDBA/AFD/DFE Series Contacts
EN3646

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel	
						AS39029	EN3155				
20	006-0937-20A-A834	-	M39029/4-110	-	P	Brown-Brown-Black					
	006-0912-20A-A834	-	M39029/5-115	-	S	Brown-Brown-Green	-	-	-	standard	
20	006-0937-20A	004-0139-20	-	EN3155-018M2020	P	-	Red	-	-	standard	
	006-0912-20A	004-0140-20	-	EN3155-019F2020	S	-					
20	006-0044-20A	004-0141-20	-	EN3155-018M2018	P	-	Brown-Red	-	-	enlarged	
	006-0055-20A	004-0142-20	-	EN3155-018F2018	S	-					
20	006-0972-20A	0641-24-2059C	-	-	P	-	Black-Red	-	-	reduced	
	006-0973-20A	0603-21-2059C	-	-	S						
20	006-1186-20	006-1131-20A	-	-	P	-	Red-Red + white dot	Yellow	Kp	standard	
	006-1187-20	006-1134-20A	-	-	S	-					
20	006-1188-20	0641-15-2000	-	-	P	-	Red-Red + white dot	Black	Kn	standard	
	006-1189-20	0603-15-2000A	-	-	S	-					
20	006-1060-20	-	-	-	P	-	-	-	Co	enlarged	
	006-1062-20	-	-	-	S	-					
20	025-0404-20	-	-	-	P	-	Purple-Red	Yellow	Kp	enlarged	
	025-0405-20	-	-	-	S	-	Purple-Red	-			
20	025-0402-20	-	-	-	P	-	Purple-Red	Black	Kn	enlarged	
	025-0403-20	-	-	-	S	-	Purple-Red	-			
20	025-0406-20	-	-	-	P	-	Purple-Red	-	Co	enlarged	
	025-0407-20	-	-	-	S	-					
16	006-0937-16A	004-0139-16	-	EN3155-018M1616	P	-	Blue-Blue	-	-	standard	
	006-0912-16A	004-0140-16	-	EN3155-019F1616	S						
16	006-1102-16A	004-0141-16	-	EN3155-018M1614	P	-	White-Blue	-	-	enlarged	
	006-1104-16A	004-0142-16	-	EN3155-019F1614	S	-					
16	004-0160-16A	-	-	EN3155-018M1618	P	-	Brown-Blue	-	-	reduced	
	004-0159-16A	-	-	EN3155-019F1618	S	-					
16	006-1168-16A	109026-16A	-	-	P	-	Red-Blue	-	-	reduced	
	006-1169-16A	109027-16A	-	-	S	-					
16	025-0870-16A	-	-	-	P	-	White-Blue	-	-	reduced	
	025-0871-16A	-	-	-	S	-					
16	006-0982-16	-	-	-	P	-	Blue-Blue	Yellow	Kp	-	
	097-0037-16	-	-	-	S	-					
16	006-0983-16	-	-	-	P	-	Blue-Blue	Black	Kn	-	
	097-0036-16	-	-	-	S	-					
12	006-0937-12A	004-0139-12	-	EN3155-018M1212	P	-	Yellow- Yellow	-	-	standard	
	006-0912-12A	004-0140-12	-	EN3155-019F1212	S	-					
12	006-1157-12A	109028A	-	-	P	-	Blue-Yellow	-	-	reduced	
	006-1159-12A	109029A	-	-	S	-					
8	005-0893-08	101333-59	-	-	P	-	-	-	-	Soldered	
	005-0896-08	101334-59	-	-	S	-					
8 (87)	005-0257-08	-	-	-	P	-	Brown-Red	-	-	Crimping	
	005-0258-08	-	-	-	S	-					
8 (88)	006-0041-08	DF06A 041 08	-	-	P	-	Red	-	-	Crimping	
	006-0040-08	DF06A 040 08	-	-	S	-					



FDBA/AFD/DFE Series Contacts - Tooling
EN3646

Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
AWG	mm ²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-24	0.25 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
26-30	0.055 - 0.15	006-0893-20 (red)	057-0463-12	M22520/2-01	057-0464-32	M22520/2-02	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-22	0.4 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-22	0.4 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-22	0.4 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
16-20	0.6 - 1.2	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
14-18	1 - 2	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
18-24	0.21 - 0.93	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
20-24	0.25 - 0.6	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
26-30	0.055 - 0.15	006-0893-16 (blue)	057-0463-12	M22520/2-01	057-0464-32	M22520/2-02	M15570-16 006-0902-16
16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
12-16	1.2 - 3	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12
16-20	0.6 - 1.2	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12
8-10	5 - 9	006-0893-08 (green)	-	-	-	-	M15570-109 006-0902-08
10	5	006-0893-08 (green)	057-0486-15	M22520/5-01	057-0065-00	-	M15570-109 006-0902-08
8	9	006-0893-08 (green)	057-0486-15	M22520/5-01	057-0065-00	-	M15570-109 006-0902-08



TJ/FMJ Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel	
						AS39029	EN3155				
22	020-0511-22	-	-	EN3155-016M2222	P	-	-	-	-	standard	
22	019-0857-22	100060-56	-	-	P	-	-	-	-	standard	
22	123-0001-22	-	-	-	P	-	-	-	-	standard	
22	182-0671-22	-	-	-	P	-	-	-	-	standard	
22	019-1055-22	-	-	-	P	-	-	-	-	standard	
20	182-0908-20	-	-	EN3155-016M2020	P	-	-	-	-	standard	
20	123-0001-20	-	-	-	P	-	-	-	-	standard	
20	020-0511-20	-	-	EN3155-016M2018	P	-	-	-	-	enlarged	
20	020-0008-20	1841-1-5620	-	-	P	-	-	-	-	enlarged	
20	182-0439-20	-	-	-	P	-	-	-	-	enlarged	
16	020-0511-16	-	-	EN3155-016M1616	P	-	-	-	-	standard	
16	020-0008-16	1841-1-5616	-	-	P	-	-	-	-	standard	
16	123-0001-16	-	-	-	P	-	-	-	-	standard	
16	182-0439-16	182-0439-16	-	-	P	-	-	-	-	standard	
12	020-0511-12	020-0511-12	-	EN3155-016M1212	P	-	-	-	-	standard	
12	020-0008-12	1841-1-5612	-	-	P	-	-	-	-	standard	
12	018-0011-12	DF 18-011-12	-	-	P	-	-	-	-	reduced	
12	018-0865-12	DF 18-865-12-9056	-	-	P	-	-	-	-	reduced	
12	123-0001-12	-	-	-	P	-	-	-	-	standard	
8	020-0008-08	1841-5-5608	-	-	P	-	-	-	-	standard	
8	018-0007-08	DF 18-007-08-9056	-	-	P	-	-	-	-	reduced	
8	018-0878-08	DF 18-878-08	-	-	P	-	-	-	-	reduced	
8	018-0008-08	DF 18-008-08-9056	-	-	P	-	-	-	-	reduced	



TJ/FMJ Series Contacts - Tooling

Wire Range		Sealing plug Ref.	Crimp Tool		Positioner		Insertion/Extraction Tool
			Part No.	Mil Part No.	Part No.	Mil Part No.	
AWG	mm²						
22-26	0.15 - 0.38	-	057-0463-12	M22520/2-01	057-0470-32	K127-2	-
22-26	0.15 - 0.38	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
22-26	0.15 - 0.38	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
22-26	0.15 - 0.38	-	057-0463-12	M22520/2-01	057-0851-22	K127-3	-
22-26	0.15 - 0.38	-	Soldered				TBD
20-24	0.22 - 0.60	-	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	-
20-24	0.22 - 0.60	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-24	0.25 - 1	-	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	-
18-24	0.25 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-24	0.25 - 1	-	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	-
16-20	0.60-1.34	-	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	-
16-18	1 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
16-18	1 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
16-20	0.60 - 1.34	-	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	-
12-14	1.91 - 3.18	-	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	-
12-14	1.91 - 3.18	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12
16-18	1 - 1.34	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12
20-24	0.22 - 0.60	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12
12-14	1.91 - 3.18	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12
8	8.98	006-0893-08 (green)	TBD	TBD	TBD	TBD	Manual/020-0011-08
10	5.30	006-0893-08 (green)	TBD	TBD	TBD	TBD	Manual/020-0011-08
12-14	1.91 - 3.18	006-0893-08 (green)	TBD	TBD	TBD	TBD	Manual/020-0011-08
16-18	0.91 - 1.34	006-0893-08 (green)	TBD	TBD	TBD	TBD	Manual/020-0011-08



983 (200 °C) Series Contacts
EN2997 (200 °C)

Signal

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel	
						AS39029	EN3155				
22	097-0287-22	-	-	EN3155-078M2222	P	-	Green	-	-	standard	
	097-0288-22	-	-	EN3155-079F2222	S	-					
20	006-0937-20A	004-0139-20	-	EN3155-018M2020	P	-	Red	-	-	standard	
	006-0912-20A	004-0140-20	-	EN3155-019F2020	S	-					
20	006-0044-20A	004-0141-20	-	EN3155-018M2018	P	-	Brown-Red	-	-	enlarged	
	006-0055-20A	004-0142-20	-	EN3155-018F2018	S	-					
20	006-0972-20A	0641-24-2059C	-	-	P	-	Black-Red	-	-	reduced	
	006-0973-20A	0603-21-2059C	-	-	S	-					
20	006-1186-20	006-1131-20A	-	-	P	-	Red-Red + white dot	Yellow	Kp	standard	
	006-1187-20	006-1134-20A	-	-	S	-					
20	006-1188-20	0641-15-2000	-	-	P	-	Red-Red + white dot	Black	Kn	standard	
	006-1189-20	0603-15-2000A	-	-	S	-					
20	025-0404-20	-	-	-	P	-	Purple-Red	Yellow	Kp	enlarged	
	025-0405-20	-	-	-	S	-	Purple-Red				
20	025-0402-20	-	-	-	P	-	Purple-Red	Black	Kn	enlarged	
	025-0403-20	-	-	-	S	-	Purple-Red				
16	006-0937-16A	004-0139-16	-	EN3155-018M1616	P	-	Blue-Blue	-	-	standard	
	006-0912-16A	004-0140-16	-	EN3155-019F1616	S	-					
16	006-1102-16A	004-0141-16	-	EN3155-018M1614	P	-	White-Blue	-	-	enlarged	
	006-1104-16A	004-0142-16	-	EN3155-019F1614	S	-					
16	004-0160-16A	-	-	EN3155-018M1618	P	-	Brown-Blue	-	-	reduced	
	004-0159-16A	-	-	EN3155-019F1618	S	-					
16	006-1168-16A	109026-16A	-	-	P	-	Red-Blue	-	-	reduced	
	006-1169-16A	109027-16A	-	-	S	-					
16	025-0870-16A	-	-	-	P	-	White-Blue	-	-	reduced	
	025-0871-16A	-	-	-	S	-					
16	006-0982-16	-	-	-	P	-	Blue-Blue	Yellow	Kp	-	
	097-0037-16	-	-	-	S	-					
16	006-0983-16	-	-	-	P	-	Blue-Blue	Black	Kn	-	
	097-0036-16	-	-	-	S	-					
12	006-0937-12A	004-0139-12	-	EN3155-018M1212	P	-	Yellow- Yellow	-	-	standard	
	006-0912-12A	004-0140-12	-	EN3155-019F1212	S	-					
12	006-1157-12A	109028A	-	-	P	-	Blue-Yellow	-	-	reduced	
	006-1159-12A	109029A	-	-	S	-					



983 (200 °C) Series Contacts - Tooling
EN2997 (200 °C)

Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
22-26	0.15 - 0.4	097-0298-22 (black)	057-0463-12	M22520/2-01	-	M22520/2-23	M81969/14-01 057-0286-22
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-24	0.25 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
26-30	0.055 - 0.15	006-0893-20 (red)	057-0463-12	M22520/2-01	057-0464-32	M22520/2-02	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-22	0.4 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
18-22	0.4 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
16-20	0.6 - 1.2	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
14-18	1 - 2	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
18-24	0.21 - 0.93	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
20-24	0.25 - 0.6	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
26-30	0.055 - 0.15	006-0893-16 (blue)	057-0463-12	M22520/2-01	057-0464-32	M22520/2-02	M15570-16 006-0902-16
16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
12-16	1.2 - 3	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12
16-20	0.6 - 1.2	006-0892-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12



983 (200 °C) Series Contacts
EN2997 (200 °C)

Power

Kit contact (contacts + sleeve)			Decomposition of the kit		Color Bands		Tools			Extraction tool	Sealing plug K6
Commercial P/N	Type	Wire size AWG	Contact P/N	Sleeve			Crimping tool	Die assembly	Positioner		
182-0672-06A	P	6	182-0657-06A	182-0601-06	Green-Green		M22520/23-01	M22520/23-03	WA23-196L 182-0659-06	025-0711-06	182-8004-08 A
182-0704-06	S		182-0700-06								
182-0672-08A	P	8	182-0661-06A	182-0601-08	Green-Red		M22520/23-01	M22520/23-02	WA23-196L 182-0659-06	025-0711-06	182-8004-08 A
182-0704-08	S		182-0701-06								
182-0672-10A	P	10	182-0664-06A	182-0601-10	Green-Brown		AWG 10: M22520/23-01 AWG 12: M300BT	AWG 10: WA23-265 DA AWG 12: included in M300BT	AWG 10: WA23-296L / 182-0659-06 AWG 12: TP1498 / 057-0860-06	025-0711-06	182-8004-08 A
182-0704-10	S		182-0702-06								



983 (200 °C) Series Contacts - Tooling
EN2997 (200 °C)



983 (260 °C) Series Contacts
EN2997 (260 °C)

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel		Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
						AS39029	EN3155					AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
20	097-0015-20	45045 A	-	EN3155-004M2020	P	-	Red-Red White dot	-	-	standard		20-24	0.21 - 0.60	097-0140-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	097-0016-20	45109 A		EN3155-005F2020	S														
20	097-0047-20	47815 A	-	-	P	-	Green-Red White dot	-	-	reduced		22-26	0.15 - 0.4	097-0140-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	097-0053-20	47816 A			S														
20	006-1186-20	006-1131-20 006-0982-20	-	-	P	-	Red-Red White dot	Yellow	Kp	standard		20-24	0.21 - 0.60	097-0140-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-1187-20	006-1134-20 006-0985-20			S														
20	006-1188-20	097-0173-20 006-0983-20	-	-	P	-	Red-Red White dot	Black	Kn	standard		20-24	0.21 - 0.60	097-0140-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-1189-20	097-0036-20 006-0984-20			S														
20	025-0402-20	-	-	-	P	-	Purple-Red	Black	Kn	enlarged		18-22	0.38 - 0.93	097-0140-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	025-0403-20				S														
20	025-0404-20	-	-	-	P	-	Purple-Red	Yellow	Kp	enlarged		18-22	0.38 - 0.93	097-0140-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	025-0405-20				S														
16	097-0014-16	-	-	EN3155-004M1616	P	-	Blue-Blue White dot	-	-	standard		16-20	0.60 - 1.34	097-0139-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
	097-0013-16			EN3155-005F1616	S														
16	097-0177-16	-	-	EN3155-004M1614	P	-	Blue-Blue White dot	-	-	enlarged		14-18	0.93 - 1.91	097-0139-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
	097-0178-16			EN3155-005F1614	S														
16	006-0982-16	-	-	-	P	-	-	-	Kp	standard		16-20	0.60 - 1.34	097-0139-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
	097-0037-16				S														
16	006-0983-16	097-0173-16	-	-	P	-	-	-	Kn	standard		16-20	0.60 - 1.34	097-0139-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
	097-0036-16	097-0175-16			S														
12	097-0165-12	-	-	EN3155-004M1212	P	-	Yellow-Yellow	-	-	standard		12-14	1.91 - 3.18	097-0138-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-12 006-0902-12
	097-0166-12			EN3155-005F1212	S														



983 (260 °C) Series Contacts - Tooling
EN2997 (260 °C)



991/992 Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel	
						AS39029	EN3155				
16	097-0006-16	60530A	-	-	P	Red-Brown-Red	-	-	-	standard	
	097-0010-16	60531A			S	Red-Brown-Purple					
	097-0004-16	60534A			S	Red-Brown-Grey					
16	097-0007-16	60536A	-	-	P	-	Blue	-	-	standard	
	097-0011-16	65906A			S						
	097-0005-16	65908A			S						
16	097-0028-16	61994A	-	-	P	-	Blue	-	9C	standard	
	097-0027-16	61989A			P						
	097-0026-16	61997A			S						
	097-0025-16	61992A			S						
16	097-0034-16	65184A	-	-	P	-	Red-Blue	-	-	reduced	
	097-0033-16	65185A			S						
	097-0032-16	65186A			S						
16	097-0091-16	66124A	-	-	P	-	Red-Blue	-	9A	reduced	
	097-0093-16	66125A			S						
	097-0096-16	66127A			S						
16	097-0092-16	66129A	-	-	P	-	Red-Blue	-	9C	reduced	
	097-0097-16	66130A			S						
	097-0095-16	66132A			S						
16	097-0027-16	61989A	-	-	P	-	Blue	-	9A	standard	
	097-0023-16	61990A			S						
	097-0025-16	61992A			S						
16	097-0028-16	61994A	-	-	P	-	Blue	-	9C	standard	
	097-0024-16	61995A			S						
	097-0026-16	61997A			S						
12	097-0060-12	60549A	-	-	P	Red-Brown-Orange	-	-	-	standard	
	097-0061-12	60550A			S	Red-Brown-White					
8	097-0184-08	60363	-	-	P	Red-Brown-Yellow	-	-	-	standard	
	097-0187-08	60364			S	Red-Red-Black					
4	097-0062-04	60615	-	-	P	Red-Brown-Green	-	-	-	standard	
	097-0063-04	60616			S	Red-Red-Brown					
0	097-0064-00	60619	-	-	P	Red-Brown-Blue	-	-	-	standard	
	097-0065-00	60620			S	Red-Red-Red					



991/992 Series Contacts - Tooling

Wire Range	Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
		Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.
AWG	mm²					
16-20	0.60 - 1.34	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
16-20	0.60 - 1.34	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
16-20	0.60 - 1.34	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
20-24	0.21 - 0.60	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
20-24	0.21 - 0.60	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
20-24	0.21 - 0.60	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
16-20	0.6 - 1.34	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
16-20	0.60 - 1.34	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
12-14	1.91 - 3.18	-	057-0461-11	M2250/1-01	057-0462-21	M22520/1-02
8-10	5.30 - 8.98	-	-	M22520/23-01	-	M22520/23-02 M22520/23-09
4-6	13.40 - 21.80	-	-	M22520/23-01	-	M22520/23-11 M22520/23-04
0-2	34.50 - 52.70	-	-	M22520/23-01	-	M22520/23-05 M22520/23-13



DBAS Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel	
						AS39029	EN3155				
22	028-0108-22	-	-	-	P	-	Green	-	-	standard	
	028-0113-22				S						
22	030-0076-22	-	-	-	P	-	White-Green	-	-	reduced	
	030-0044-22				S						
22	028-0131-22	-	-	-	P	-	Green-Green	Yellow	Kp	standard	
	028-0139-22				S						
22	028-0132-22	-	-	-	P	-	Green-Green	Black	Kn	standard	
	028-0140-22				S						
22	703-0162-22	-	-	-	P	-	*-Green	Yellow	-	reduced	
	703-0163-22				S						
22	703-0164-22	-	-	-	P	-	*-Green	Black	-	reduced	
	703-0165-22				S						
20	006-0937-20	0641-10-2059B	-	-	P	-	Red	-	-	standard	
	006-0912-20	0603-34-2059B			S						
20	006-0044-20	DF 06-044-20B	-	-	P	-	Brown-Red	-	-	enlarged	
	006-0055-20	DF 06-055-20B			S						
20	006-0972-20	0641-24-2059B	-	-	P	-	Black-Red	-	-	enlarged	
	006-0973-20	0603-21-2059B			S						
20	006-1186-20	0641-14-2001	-	-	P	-	Red-Red	Yellow	Kp	standard	
	006-1187-20	0603-16-2001			S						
20	006-1188-20	0641-15-2001	-	-	P	-	Red-Red	Black	Kn	standard	
	006-1189-20	0603-15-2001			S						
20	006-1060-20	-	-	-	P	-	-	-	Co	standard	
	006-1062-20				S						
20	025-0404-20	-	-	-	P	-	Purple-Red	Yellow	Kp	enlarged	
	025-0405-20				S						
20	025-0402-20	-	-	-	P	-	Purple-Red	Black	Kn	enlarged	
	025-0403-20				S						
20	025-0406-20	-	-	-	P	-	Purple-Red	-	Co	enlarged	
	025-0407-20				S						
16	006-0937-16	0641-12-1659B	-	-	P	-	Blue	-	-	standard	
	006-0912-16	0603-33-1659B			S						
16	006-1102-16	-	-	-	P	-	White-Blue	-	-	enlarged	
	006-1104-16				S						
16	004-0160-16	-	-	-	P	-	Brown-Blue	-	-	reduced	
	004-0159-16				S						
16	006-1168-16	-	-	-	P	-	Red-Blue	-	-	reduced	
	006-1169-16				S						
16	025-0870-16	-	-	-	P	-	White-Blue	-	-	reduced	
	025-0871-16				S						
12	006-0937-12	0641-32-1259B	-	-	P	-	Yellow	-	-	standard	
	006-0912-12	0603-32-1259B			S						
12	006-1157-12	-	-	-	P	-	White-Yellow	-	-	reduced	
	006-1159-12				S						
8	005-0893-08	101333-59	-	-	P	-	-	-	-	standard	
	005-0896-08	101334-59			S						
8 (87)	005-0257-08	-	-	-	P	-	Brown-Red	-	-	reduced	
	005-0258-08				S						
8 (88)	006-0041-08	-	-	-	P	-	Red	-	-	standard	
	006-0040-08				S						

* No first band color



DBAS Series Contacts - Tooling

Wire Range	Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
		Part No.	Mil Part No.	Part No.	Mil Part No.	
AWG	mm²	Ref.				
22-26	0.15 - 0.38	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2
22-30	0.055 - 0.34	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2
22-26	0.15 - 0.34	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2
22-26	0.15 - 0.34	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2
26-30	0.055 - 0.15	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2
26-30	0.055 - 0.15	028-0102-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2
20-24	0.25 - 0.60	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
18-24	0.25 - 0.93	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
26-30	0.055 - 0.15	006-0893-20 (red)	057-0461-11	M22520/2-01	057-0462-21	M22520/1-02
20-24	0.21 - 0.60	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0464-32	M22520/1-02
20-24	0.21 - 0.60	006-0893-20 (red)	057-0461-11	M22420/1-01	057-0462-21	M22520/1-02
20-24	0.21 - 0.60	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
18-22	0.38 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
18-22	0.38 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
18-22	0.38 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
16-20	0.60 - 1.34	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
14-18	1 - 1.91	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
18-24	0.21 - 1	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
20-24	0.21 - 1	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
26-30	0.055 - 0.15	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
12-14	1 - 3.18	006-0893-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
16-20	0.60 - 1.34	006-0893-12 (yellow)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02
8-10	5.30 - 8.98	006-0893-08 (green)	To be soldered			006-0902-08
10	5.30	006-0893-08 (green)	057-0486-15	-	057-0065-00	-
8	8.98	006-0893-08 (green)	057-0486-15	M22520/5-01	057-0065-00	-



DFA/910 Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel	
						AS39029	EN3155				
20	910 KP-20-0	008-0001-20	-	-	P	-	Purple-Red	-	-	enlarged	
	910 KS-20-0	008-0011-20	-	-	S	-					
20	910 KP-20 R	-	-	-	P	-	Grey-Red	-	-	reduced	
	910 KS-20 R	-	-	-	S	-					
20	008-0161-20	DF 08-161-20-0059B	-	-	P	-	White-Red	-	-	reduced	
	008-0162-20	DF 08-162-20-0059B	-	-	S	-					
20	008-0100-20	DF 08-100-01	-	-	P	-	Red	Black White	Kn	-	
	008-0101-20	DF 08-A-101-01	-	-	S	-					
20	008-0248-20	DF 08-100-02	-	-	P	-	Red-Red	Yellow	Kp	-	
	008-0208-20	DF 08-A-101-02	-	-	S	-					
16	910 KP-16-0	DF 08-001-16	-	-	P	-	Blue	-	-	standard	
	910 KS-16-0	DF 08-A-011-16	-	-	S	-					
16	910 KP-16 A	008-0265-16	-	-	P	-	Orange-Blue	-	-	enlarged	
	910 KS-16 A	008-0266-16	-	-	S	-					
16	-	-	-	-	-	-	Purple-Blue	-	-	reduced	
	134-0068-16	-	-	-	S	-					
16	-	-	-	-	-	-	Red-Blue specific band: white	-	-	reduced	
	008-0253-16	P 2161	-	-	S	-					



DFA/910 Series Contacts - Tooling

Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
18-22	0.4 - 1	910 KO-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
24-28	0.10 - 0.25	910 KO-20 (red)	-	M22520/2-01	?	?	M15570-20 006-0902-20
26-30	0.055 - 0.15	910 KO-20 (red)	?	?	?	?	M15570-20 006-0902-20
18-24	0.25 - 0.6	910 KO-20 (red)	?	?	?	?	M15570-20 006-0902-20
18-24	0.25 - 0.6	910 KO-20 (red)	?	?	?	?	M15570-20 006-0902-20
16-20	0.6 - 1.2	910 KO-16 (blue)	?	?	?	?	M15570-16 006-0902-16
14-18	1 - 2	910 KO-16 (blue)	?	?	?	?	M15570-16 006-0902-16
18-22	0.4 - 1	910 KO-16 (blue)	?	?	?	?	M15570-16 006-0902-16
20-24	0.25 - 0.6	910 KO -16 (blue)	?	?	?	?	M15570-16 006-0902-16



951/DVG Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel		Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
				AS39029	EN3155					AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
20	014-1025-20	4102-19-1156	P	-	-	-	-	soldered or crimping		20-24	0.22 - 0.6	014-1042-20 (red)	-	M22520/1-01	-	M22520/1-02	DAK20 057-0125-00/006-0902-20
	014-1026-20	4102-18-1156	S	-	-	-	-							M22520/2-01	K2 /057-0577-32	-	
20	014-1015-20	0004-058-000	P	-	-	-	-	with cup		18-24	0.22 - 0.6	014-1042-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15513-20/M15515-20-4 057-0125-00
	014-1018-20	0007-008-000B	S	-	-	-	-										
20 -	014-1014-20	0004-135-000B	P	-	-	-	-	without cup -		18-24	0.22 - 0.93	014-1042-20 (red)	057-0463-12	M22520/2-01	057-0577-32	K2	M15513-20/M15514-20 057-0125-00/057-0127-00
	038-0015-20	0007-044-000B	S	-	-	-	-										
20	014-0091-20	DF 14-091-20	P	-	Red-Red	-	-	long barrel without cup		-	-	014-1042-20 (red)	?	?	?	?	DAK20/M15514-20 M15513-20/057-0127-00
	014-0092-20	DF 14-092-20	S	-													
20	143-0003-20	-	P	-	-	-	-	with cup		20-24	0.22 - 0.6	014-1042-20 (red)	?	?	?	?	M15514-20 057-0127-00
	143-0004-20	-	S	-													
16	014-1014-16	0004-065-000	P	-	-	-	-	-		14-18	1 - 1.91	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	?
	014-1016-16	0007-013-000	S	-													
16	014-1028-16	-	P	-	-	-	-	reduced		18-24	0.22 - 0.93	006-0893-16 (blue)	?	?	?	?	?
	014-1029-16	-	S	-													
16	143-0003-16	-	P	-	-	-	-	-		16-18	0.93 - 1.34	006-0893-16 (blue)	?	?	?	?	?
	143-0004-16	-	S	-													
16	DF 41-006-16	-	P	-	-	-	-	enlarged		14	1.91	006-0893-16 (blue)	-	-	-	-	?
	DF 41-A-009-16	-	S	-													
8	014-1092-08	?	P	-	-	-	-	crimping		-	-	014-1010-01 (green)	-	-	-	-	?
	014-1094-08	?	S	-													
8	DF 41-053-08	9-053-2608	P	-	-	-	-	soldered		-	-	014-1010-01 (green)	-	-	-	-	?
	DF 41-A-052-08	9-052-2608	S	-													



951/DVG Series Contacts - Tooling



DS/DCI/901/941 Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel		Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
				AS39029	EN3155					AWG	mm ²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
20	047-0894-20	0005-045-000B	P	-	-	-	-	standard		18-24	0.22 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-20/M15515-20 057-0473-60/057-0479-60
	047-0893-20	0007-049-000B	S	-	-	-	-										
20	047-1022-20	0005-056-000	P	-	-	-	-	reduced		26-30	0.055 - 0.15	006-0893-20 (red)	057-0463-12	M22520/2-01	-	K1613 K1614	M15513-20/M15515-20 057-0473-60/057-0479-60
	047-1023-20	0007-071-000B	S	-	-	-	-										
20	047-1024-20	0005-005-000	P	-	-	-	-	enlarged		16-18	0.93 - 1.34	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-16/M15515-20 057-0472-60/057-0479-60
	047-1025-20	0007-007-000B	S	-	-	-	-										
20	047-1006-20	4702-11-3901	P	-	-	-	Cu	-		18-24	0.22 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-20/M15515-20 057-0473-60/057-0479-60
	047-1059-20	4702-10-3901	S	-	-	-											
20	047-1007-20	4702-11-0102	P	-	-	-	Co	-		18-24	0.22 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-20/M15515-20 057-0473-60/057-0479-60
	047-1013-20	4702-10-0102	S	-	-	-											
20	047-1008-20	4702-11-0103	P	-	-	-	Coi (constantan fer)	-		18-24	0.22 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-20/M15515-20 057-0473-60/057-0479-60
	047-1014-20	4702-10-0103	S	-	-	-											
20	047-1009-20	4702-11-3904	P	-	-	-	Fe	-		18-24	0.22 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-20/M15515-20 057-0473-60/057-0479-60
	047-1015-20	4702-10-3904	S	-	-	-											
20	047-1010-20	4702-11-0105	P	-	-	-	Kp	-		18-24	0.22 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-20/M15515-20 057-0473-60/057-0479-60
	047-1016-20	4702-10-0105	S	-	-	-											
20	047-1011-20	4702-11-0106	P	-	-	-	Kn	-		18-24	0.22 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-20/M15515-20 057-0473-60/057-0479-60
	047-1017-20	4702-10-0106	S	-	-	-											
16	047-0894-16	800-16/32-1	P	-	-	-	-	standard		16-18	0.93 - 1.34	092-1057-16 (blue)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-16/M15515-16 057-0472-60/057-0478-60
	047-0893-16	200-16/30-3	S	-	-	-											
16	047-1022-16	800-16/32-3	P	-	-	-	-	reduced		18-24	0.22 - 1	092-1057-16 (blue)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-16/M15515-16 057-0473-60/057-0478-60
	047-1023-16	200-16/30-4	S	-	-	-											
16	047-1024-16	0005-008-000	P	-	-	-	-	enlarged		12-14	1.91 - 3.18	092-1057-16 (blue)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-16/M15515-16 057-0472-60/057-0478-60
	047-1025-16	0007-014-000	S	-	-	-											
16	047-1348-16	-	P	-	-	-	-	enlarged		14-16	1.34 - 1.91	092-1057-16 (blue)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-16/M15515-16 057-0472-60/057-0478-60
	047-1349-16	-	S	-	-	-											
12	047-0894-12	800-12/32-1	P	-	-	-	-	standard		12-14	1.91 - 3.18	092-1056-12 (yellow)	057-0461-11	M22520/1-01	057-0503-21	TH18	M15513-12/M15515-12 057-0471-60/057-0477-60
	047-0893-12	200-12/30-3	S	-	-	-											
12	047-1022-12	800-12/32-3	P	-	-	-	-	reduced		18-24	0.22 - 1	092-1056-12 (yellow)	057-0540-10	M300BT	057-0503-21	TH18	M15513-12/M15515-12 057-0471-60/057-0477-60
	047-1023-12	200-12/30-4	S	-	-	-											
12	047-1024-12	800-12/32-7	P	-	-	-	-	reduced		14-18	0.22 - 1	092-1056-12 (yellow)	057-0540-10	M300BT	057-0503-21	TH18	M15513-16/M15515-12 057-0472-60/057-0477-60
	047-1025-12	200-12/30-7	S	-	-	-											
- 12	-	-	-	-	-	-	-	enlarged		10-12	3.18 - 5.30	092-1056-12 (yellow)	057-0540-10	M300BT	057-0503-21	TH18	M15513-12/M15515-12 057-0471-60/057-0477-60
047-1401-12	-	S	-	-	-												
8	047-0894-08	0005-048-000	P	-	-	-	-	standard		8	10	047-1052-08 (green)	-	-	-	-	M155513-25/M15515-25 057-0474-60/057-0480-60
	047-0893-08	0007-059-000	S	-	-	-											
8 (87)	047-1329-08	-	P	-	-	-	-	reduced		10	5.30	047-1052-08 (green)	057-0585-11	-	-	-	M155513-25/M15515-25 057-0474-60/057-0480-60
	047-1330-08	-	S	-	-	-											
8 (88)	047-1325-08	-	P	-	-	-	-	standard		8	8.98	047-1052-08 (green)	057-0585-11	-	-	-	M155513-25/M15515-25 057-0474-60/057-0480-60
	047-1326-08	-	S	-	-	-											
4	640-0778-04	-	P	-	-	-	-	enlarged		?	?	?	?	?	?	?	?
	640-0779-04	-	S	-	-	-											
4	640-0344-04	-	P	-	-	-	-	?		-	7.48	-	soldered	-	-	-	?
	640-0343-04	-	S	-	-	-											
0	640-0784-00	-	P	-	-	-	-	?		0	70	-	soldered	-	-	-	?
	092-1363-00	-	S	-	-	-											



DS/DCI/901/941 Series Contacts Tooling



UR/RE/RM/RSM/RTK Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel		Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
				AS39029	EN3155					AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
22	029-0100-22	2841-5-9000C	P	-	Green	-	-	standard		22-26	0.15 - 0.4	029-0037-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
	029-0101-22	2803-4-0000C	S	-													
22	029-0102-22	DF 28-046-22C	P	-	White-Green	-	-	reduced		26-30	0.055 - 0.15	029-0037-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
	029-0103-22	DF 28-A-047-22C	S	-													
22	028-0108-22	2841-5-9000D	P	-	Green	-	-	standard		22-26	0.15 - 0.4	029-0037-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
	028-0113-22	2803-4-0000E	S	-													
22	030-0076-22	DF 28-046-22D	P	-	Green-White	-	-	reduced		26-30	0.055 - 0.15	029-0037-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
	030-0044-22	DF 28-047-22E	S	-	White-Green												
22	028-0131-22	-	P	-	Green	Yellow	Kp	standard		22-26	0.15 - 0.4	029-0037-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
	028-0139-22	-	S	-	Green-Green												
22	028-0132-22	-	P	-	Green-Green	Black	Kn	standard		22-26	0.15 - 0.34	029-0037-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
	028-0140-22	-	S	-	Green												
22	703-0162-22	-	P	-	*-Green	Yellow	-	reduced		26-30	0.055 - 0.15	029-0037-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
	703-0163-22	-	S	-													
22	703-0164-22	-	P	-	*-Green	Black	-	reduced		26-30	0.055 - 0.15	029-0037-22 (yellow)	057-0463-12	M22520/2-01	057-0470-32	K127-2	M15570-22-1 028-0114-22
	703-0165-22	-	S	-													
20	028-0108-20	103-300-31	P	-	Red	-	-	standard		20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	028-0113-20	103-304	S	-													
16	028-0176-16	2841-7-9016	P	-	Blue	-	-	standard		16-18	1 - 1.2	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-16 006-0902-16
	028-0174-16	2803-5-0016	S	-													

* No first band color



UR/RE/RM/RSM/RTK Series Contacts - Tooling

904/944/DRA/DPM Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel		Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
						AS39029	EN3155					AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
16	023-0032-16	DF 23-A-032-16	-	-	P	-		-	-	standard		16-18	1 - 1.2	-	057-0461-11	M22520/1-01	?	?	Manuel/DRK 113-20
	023-0025-16	DF 23-A-025-16	-	-	S	-													
16	023-0040-16	DF 23-A-040-16	-	-	P	-		-	-	reduced		20-24	0.25 - 0.6	-	057-0461-11	M22520/1-01	?	?	Manuel/?
	023-0139-16	-	-	-	S	-													
16	023-0151-16	-	-	-	P	-		-	-	reduced		26-30	0.055 - 0.15	-	057-0461-11	M22520/1-01	?	?	Manuel/?
	023-0153-16	-	-	-	S	-													

904/944/DRA/DPM Series Contacts - Tooling



902/942 Series Contacts

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel		Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
						AS39029	EN3155					AWG	mm²	Ref.	Part No.	Mil Part No.	Part No.	Mil Part No.	
20	006-0937-20A	004-0139-20	-	EN3155-018M2020	P	-	Red	-	-	standard		20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-0912-20A	004-0140-20	-	EN3155-019F2020	S	-													
20	006-0044-20A	004-0141-20	-	EN3155-018M2018	P	-	Brown-Red	-	-	enlarged		18-24	0.25 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-0055-20A	004-0142-20	-	EN3155-018F2018	S	-													
20	006-0972-20A	0641-24-2059C	-	-	P	-	Black-Red	-	-	reduced		26-30	0.055 - 0.15	006-0893-20 (red)	057-0463-12	M22520/2-01	057-0464-32	M22520/2-02	M15570-20 006-0902-20
	006-0973-20A	0603-21-2059C	-	-	S	-													
20	006-1186-20	006-1131-20A	-	-	P	-	Red-Red + white dot	Yellow	Kp	standard		20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-1187-20	006-1134-20A	-	-	S	-													
20	006-1188-20	0641-15-2000	-	-	P	-	Red-Red + white dot	Black	Kn	standard		20-24	0.25 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-1189-20	0603-15-2000A	-	-	S	-													
20	006-1131-20	0641-14-2001	-	-	P	-	Black	-	Kp	-		20-24	0.21 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-1134-20	0603-16-2001	-	-	S	-													
20	006-1132-20	0641-15-2001	-	-	P	-	Orange	-	Kn	-		20-24	0.21 - 0.6	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-1133-20	0603-15-2001	-	-	S	-													
20	006-1060-20	-	-	-	P	-	-	-	Co	enlarged		20-24	0.25 - 0.6	006-0893-16 (blue)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	006-1062-20	-	-	-	S	-													
20	025-0404-20	-	-	-	P	-	Purple-Red	Yellow	Kp	enlarged		18-22	0.4 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	025-0405-20	-	-	-	S	-	Purple-Red	-											
20	025-0402-20	-	-	-	P	-	Purple-Red	Black	Kn	enlarged		18-22	0.4 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	025-0403-20	-	-	-	S	-	Purple-Red	-											
20	025-0406-20	-	-	-	P	-	Purple-Red	-	Co	enlarged		18-22	0.4 - 1	006-0893-20 (red)	057-0461-11	M22520/1-01	057-0462-21	M22520/1-02	M15570-20 006-0902-20
	025-0407-20	-	-	-	S	-													



902/942 Series Contacts - Tooling



Databus Contacts

DMC-M Series Contacts and Tooling EN4165

Active area / Mating Size	Part No.	Former Syst. Part No.	MIL Ref.	EN Ref.	Type	Color Bands		Marking yellow or black	Contact Material	Barrel
						AS39029	EN3155			
Microcoax	724-0004-16	-	-	-	P	Yellow-Red-Yellow				
	724-0005-16	-	-	-	S	Yellow-Orange-Red		-	-	-
08 (Coax)	182-0125-08	-	-	-	P			-	-	-
	182-0126-08	-	-	-	S			-	-	-
08	182-0048-08	-	-	-	P			-	-	-
	182-0044-08	-	-	-	S			-	-	-

Cable Type	Part No.	Type	Color Bands	Conductor Size, Max.	Braid OD, Max.
Single Braid	182-0034-03	P	Brown-Red	2 x 0.34 mm ²	3.48
	182-0035-03	S			
Double Braid	182-0034-04	P	Red-Red	2 x 0.34 mm ²	3.91
	182-0035-04	S			

Quadrax size 8 (crimp)

Part No.	Type	Contact tooling		Sleeve tooling	
		Crimp tool	Positioner	Crimp tool	Die set
187-0204-08 A	P	M22520/2-01	K709	M22520/5-01	M22520/5-45B
187-0205-08 A	S				

Both P/Ns are also available without sealing sleeve (P/Ns are 187-0204-08 and 187-0205-08).
Wiring NC187-0204-08 and NC187-0205-08.

Quadrax size 8 (PCB)

Part No.	Type	Mounting type
187-0206-08	P	Back mounting



Databus Contacts

Wire Range		Sealing plug	Crimp Tool		Positioner		Insertion/Extraction Tool
			Part No.	Mil Part No.	Part No.	Mil Part No.	
AWG	mm ²	Ref.					
KX 22	0.057 - 0.158	-	057-0463-12 (Center Contact) 057-0509-14 (Outer Contact)	N/A	057-0539-32 (Center Contact) 057-0511-34 (Outer Contact)	N/A	M15570-16
ALPEN A 26 DT	-	-	N/A	N/A	N/A	N/A	114-008 or M81969/14-06
SMA Interface	-	-	N/A	N/A	N/A	N/A	114-008 or M81969/14-06

Cable Type	Sleeve Type	Center Conductor	Ferrule	Insertion/Extraction Tool
Single Braid	Thermoplastic and Silicone	TDB-CY-08	TDB-CT-HEX Mark C	114-008 or M81969/14-06
Double Braid	Thermoplastic and Silicone	TDB-CT-08	TDB-CT-08HEX Mark D	



Databus Contacts

DG/DTS/MIL-DTL 38999

Coax

Crimping of the inner contact					Crimping of the sleeve				Insertion/extraction tool
P/N	Former P/N	Type	Size	Cable	Crimping tool	Positioner	Crimping tool	Positioner	
724-0004-16	-	P	8	RG 174 / 316 / 179	M22520/2-01	M22520/2-35	M22520/4-01	M22520/4-02	M15570-16 006-0902-16
724-0005-16	-	S			-	-	-	-	

Triax

Databus Contacts (twisted Pair) As Per AS39029						Tooling for Databus Contacts			
Cable Type	Part No.	Type	Color Bands	Conductor Size Max.	Braid OD Max.	Sleeve Type	Center Conductor	Ferrule	Insertion/Extraction Tool
Single braid	182-0347-01	P	Brown-Red	2 x 0.34 mm²	3.48	Thermoplastic and silicone	TDB-CT-08	TDB-CT-HEX Mark D	114-008 or M81969/14-06
	182-0346-01	S							
Double braid	182-0347-02	P	Red-Red	2 x 0.34 mm²	3.91	Thermoplastic and silicone	TDB-CT-08	TDB-CT-HEX Mark D	114-008 or M81969/14-06
	182-0346-02	S							

Quadrax size 8 (crimp)

Part No.	Type	Contact tooling		Sleeve tooling	
		Crimp tool	Positioner	Crimp tool	Die set
187-0204-08 A	P	M22520/2-01	K709	M22520/5-01	M22520/5-45B
187-0205-08 A	S				

Both P/Ns are also available without sealing sleeve (P/Ns are 187-0204-08 and 187-0205-08).
Wiring NC187-0204-08 and NC187-0205-08.

Quadrax size 8 (PCB)

Part No.	Type	Mounting type
187-0206-08	P	Back mounting



Databus Contacts

FAST Series Contacts / EN3545

Quadrax

Contacts			Tooling			
Kit Part No.	Type	Contact Crimp Tool	Contact Positioner	Sleeve Crimp Tool	Jaw	Extraction Tool
182-0611-08	P	M22520/2-01	K709	M22520/5-01	M22520/5-45B	025-0711-06
182-0612-08	S					

Quadrax size 8 (PCB)

Part No.	Type	Mounting type
182-0095-01	P	Front mounting with grounding tail
182-0095-06		
182-0095-21		
182-0095-26	P	Back mounting with grounding tail
187-0178-08		
182-0121-01		
182-0121-06	P	Front mounting without grounding tail
182-0121-21		
182-0121-26	S	Back mounting
187-0136-08		

Twinax size 8 (crimp)

Part No.	Type	Contact tooling		Sleeve tooling	
		Crimp Tool	Positioner	Crimp tool	Die set
187-0157-08	P	M22520/2-01	K709	M22520/5-01	M22520/5-45B
187-0158-08	S				

Twinax size 8 (PCB)

Part No.	Type	Mounting type
187-0264-01	P	Front mounting
187-0264-06		
187-0265-01	S	Back mounting
187-0265-06		



Databus Contacts

FDBA/AFD/DFE Series Contacts and Tooling / EN3646

Quadrax

Tools					
P/N	Type	Size	EN	For the inner contacts	For the body
187-0108-08	P	8	EN3155-072M08	M22520/2-01 + K709	M22520/5-01 + M22520/5-45B
187-0109-08	S	8	EN3155-073F08		

Coax

Crimping								
P/N	Type	Size	Cable	Contact	Crimping tool	Positioner	Selector position	Insertion/extraction tool
025-0847-08	P	16	RG 196 A/U and	Inner	M22520/2-01	L22520-C3	5	M15570
025-0848-08	S		RG 178 B/U	Outer	M22520/1-01	M22520/1-02	7	

Quadrax size 8 (PCB)

Part No.	Type	Mounting type
182-0121-01	P	Front mounting without grounding tail
182-0121-06		
182-0121-21		
182-0121-26		
187-0136-08	S	Back mounting

Twinax size 8 (PCB)

Part No.	Type	Mounting type
187-0264-01	P	Front mounting
187-0264-06		
187-0265-01	S	Back mounting
187-0265-06		



Databus Contacts

983 (200 °C) Series Contacts and Tooling / EN2997 (200 °C)

Quadrax Contacts For arrangements 18-02, 20-04 and 28-06

Tools				
Com. part number	Type	For size 24 contacts	For contact body	Extraction tool
182-0611-08	P	M22520/2-01 + K709	M22520/5-01 M22520/5-45B	025-0711-06
182-0612-08	S			
182-0611-08	P	M22520/2-01 + K709	M22520/5-01 M22520/5-45B	025-0711-06
182-0612-08	S			
182-0611-08	P	M22520/2-01 + K709	M22520/5-01 M22520/5-45B	025-0711-06
182-0612-08	S			

Quadrax size 8 (PCB)

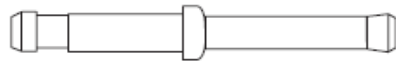
Part No.	Type	Mounting type
187-0281-08	P	Back mounting



Databus Contacts

DBAS Series Contacts

Micro coax size 16



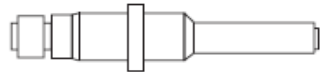
Female Contact



Male Contact

Contacts				Crimping		Tools Wired contacts insertion/extraction tools
Coax wire used	Part number	Type	Contact	Crimping tool	Positioner	
RG 196 A/U RG 178 B/U	025-0847-00	P	Inner Outer	057-0463-12 057-0461-11	057-0462-21	057-0517-32 006-0902-16
RG 196 A/U RG 178 B/U	025-0848-00	S	Inner Outer	057-0463-12 057-0461-11	057-0462-21	057-0517-32 006-0902-16

Micro coax size 12



Male Contact



Female Contact

Coax wire used	Part number P	Part number S	Crimping tool	Positioner	Sleeve crimping tool	Insertion/extraction tool
Shielded 24	006-1082-00	006-1080-00	057-0463-12	057-0524-32	057-0520-05	006-0902-12
RG 180 B RG 195 A	006-1089-00	006-1091-00	057-0463-12	057-0524-32	057-0520-05	006-0902-12
Shielded 24 RG 174 RG 188 A	006-1092-00	006-1093-00	057-0463-12	057-0524-32	057-0520-05	006-0902-12
Shielded 28-30 RG 178 B	006-1094-00	006-1095-00	057-0463-12	057-0524-32	057-0520-05	006-0902-12
RG 187 A RG 196 A	006-1097-00	006-1096-00	057-0463-12	057-0524-32	057-0520-05	006-0902-12
F 1703-66	006-1183-00	006-1184-00	057-0463-12	057-0524-32	057-0520-05	006-0902-12

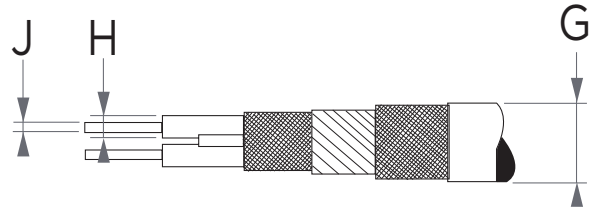
Size 6 bifilar

Tools				
Com. part number	Type	For size 24 contacts	For contact body	Extraction tool
182-0611-08	P	M22520/2-01 + K709	M22520/5-01	025-0711-06
182-0612-08	S		M22520/5-45B	
182-0611-08	P	M22520/2-01 + K709	M22520/5-01	025-0711-06
182-0612-08	S		M22520/5-45B	
182-0611-08	P	M22520/2-01 + K709	M22520/5-01	025-0711-06
182-0612-08	S		M22520/5-45B	



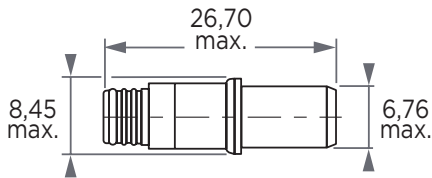
Databus Contacts

DBAS Series Contacts

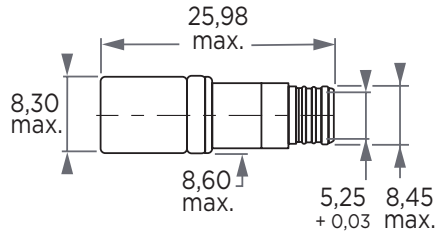


Cables					Complete contacts part number			Sealing plug		Tools			
Core					Contacts part number			Ref.		Crimping tool			Extraction tool
Color	Size	G max	H	J max	Indice	P	S	For P and S	Color	Inner contact	Locator	Sleeve	
F 2709/9 F 2709/12	22 20	4,80 5,35	1,68 2,03	0,80 1	Without	025-0709-01	025-0710-01	025-0689-06	(Blue)	057-0463-12	057-0470-32	057-0088-00	025-0711-06
F 2709/3 17/176-00002	24	4,05 2,59	1,37 1,12	0,60		M4	025-0925-00	025-0926-00	025-0689-06	(Blue)	057-0463-12	057-0470-32	057-0088-00

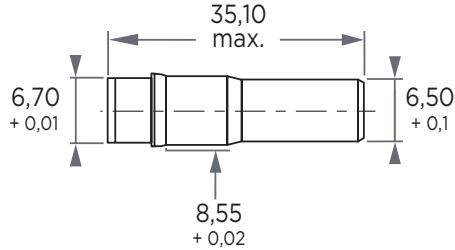
Wiring NC 025 011.



Male contact



Female Contact



Sealing plug

Coax size 8

Cables					Contacts			Sealing plug		Tools			
Core		Contact Part Number			Ref.		Crimping tool			Extraction tool			
Color	Size	G max	H	J max	Index	P	S	For P and S	Color		Inner contact	Locator	Sleeve
F 2709/9	22	4.80	1.68	0.80	without	025-0709-01	025-0710-01	025-0689-06	Blue	057-0463-12	057-0470-32	057-0088-00	025-0711-06
F 2709/12	20	5.35	2.03	1		025-0925-00	025-0926-00	025-0689-06	Blue	057-0463-12	057-0470-32	057-0088-00	
F 2709/3	24	4.05	1.37	0.60	M4	025-0925-00	025-0926-00	025-0689-06	Blue	057-0463-12	057-0470-32	057-0088-00	025-0711-06
17/176-00002		2.59	1.12										

Wiring NC025-011



Databus Contacts

DS/DCI/901/941 Series Contacts and Tooling

Coax size 8

Active area / Mating Size	Part No.	Former Syst. Part No.	Type	Cable	Indice		Impedance	Crimping of the contact		Sleeve crimping tool	Rear insertion tool	Front insertion tool
								Crimping tool	Positioner			
20	047-0894-00	0106-003-000	P	RG 174 U RG 178 B/U RG 187 A/U RG 188 A/U RG 196 A/U	standard		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-0893-00	0107-003-000	S									
20	047-1026-00	800/33-1	P	RG 180 B/U RG 195 A/U	1		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-00	800/34-1	S									
20	047-1026-02	0106-001-000	P	RG 58 C/U RG 141 A/U RG 142 B/U RG 222 U	5		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1025-20	0107-001-000	S									
20	047-1026-01	DF 47-A-724-08-0056	P	50 PPTDE	F1		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-01	DF 47-A-724-08-0056	S									
20	047-1026-03	DF 47-A-863-08-0056	P	KX2	F5		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-03	DF 47-A-864-08-0056	S									
20	047-1026-04	DF 47-A-083-00	P	50 PPTDE KX23	F6		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-04	DF 47-A-085-00	S									
20	047-1026-05	DF 47-A-099-00	P	-	F7		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-05	DF 47-A-100-00	S									
20	047-1026-06	DF 47-A-284-00	P	RG 122 U	F9		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-06	DF 47-A-285-00	S									
20	047-1026-07	DF 47-A-287-00	P	-	F10		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-07	DF 47-A-288-00	S									
16	047-1026-08	DF 47-A-199-00	P	CT 115	F11		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-08	DF 47-A-203-00	S									
16	047-1026-09	-	P	Special	12		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-09	-	S									
16	047-1026-10	-	P	Special	9		50 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1027-10	-	S									
16	047-1056-00	-	P	KX 53 A/S, RG59, KX 6 A/S, 75 PPN A/S	T2		75 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1057-00	-	S									
12	047-1056-01	-	P	RG179, RG187	T1		75 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1057-01	-	S									
12	047-1056-02	-	P	RG316, RG180	T3		75 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1057-02	-	S									
12	047-1056-03	-	P	KX 53 A/S, RG59, KX 6 A/S, 75 PPN A/S	?		75 Ω	M22520/2-01	K30	M22520/5-01	M15513-25 DAK51-8	M15515-25 DRK51-8
	047-1057-03	-	S									



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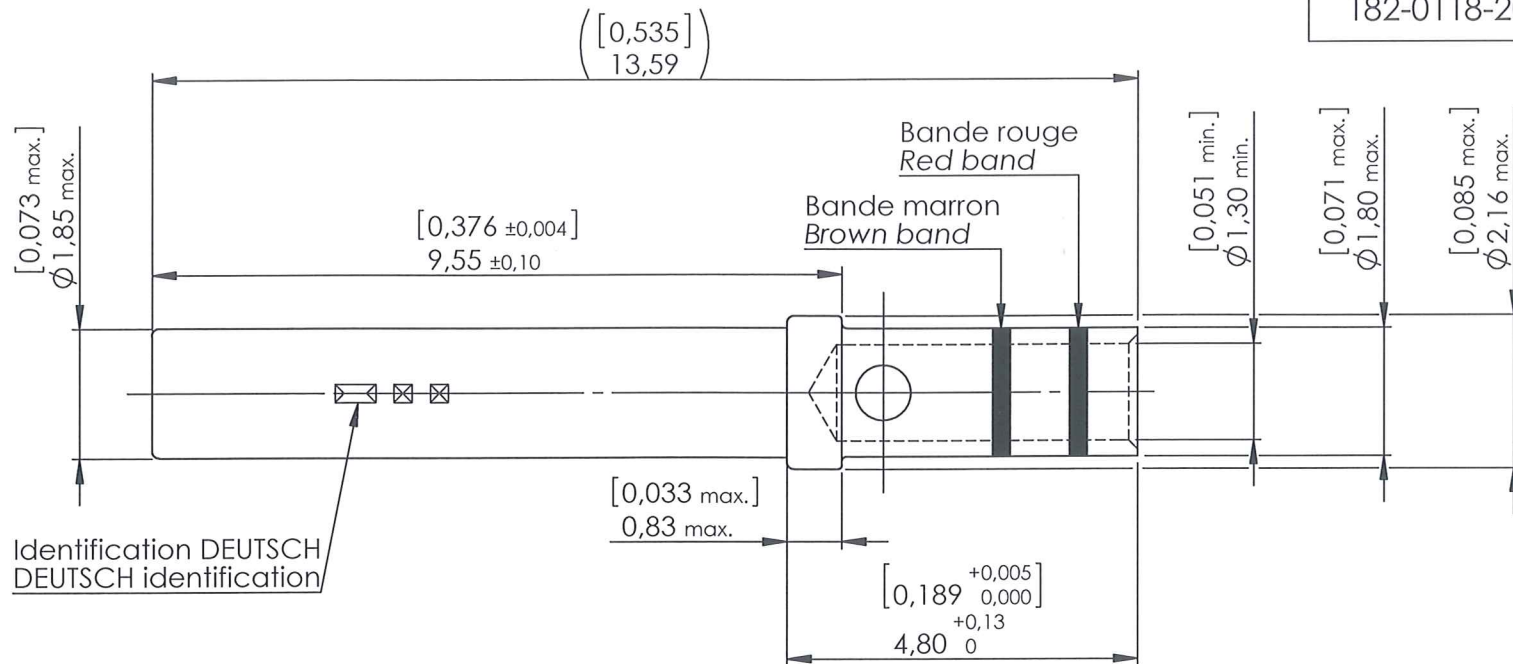
Consult TE for the latest dimensions and design specifications.

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0-0000000-0 02/18 Original

ORIGINAL EN ROUGE

182-0118-20



Matière : Alliage de cuivre

Material : Copper alloy

Revêtement : Dorure

Plating : Gold

Epaisseur : 1,27 µm min.

Thickness : 50 µin min.

Outil d'insertion / extraction : M81969/39-01

Insertion / extraction tool : M81969/39-01

Pince à sertir : M22520/2-01

Crimping tool : M22520/2-01

Positionneur : M22520/2-08

Positionner : M22520/2-08

Masse / Mass : 0,17 g max.

Dimensions en mm / [Dimensions en inch]
Dimensions in mm / [Dimensions in inch]

EN3155-015F2018

f	05/12/14	OE041214	SERIE	SUB D	DATE	22-02-01	VISA		VISA		
e	16.11.07	OE331107					Creation		Approbation		
Created											
Revision	Date	Observations	DESIGNATION				REF :	182-0118-20			
			S/E CONTACT S FENDU #20 #20 ASSEMBLY SOCKET CONTACT				P/N:				
ORIGINE :											
			Connecteurs Electriques Deutsch 17, rue LAVOISIER - BP 117 - 27091 EVREUX CEDEX 9 - FRANCE				FICHE TECHNIQUE TECHNICAL DATA SHEET				204-19-B/F00