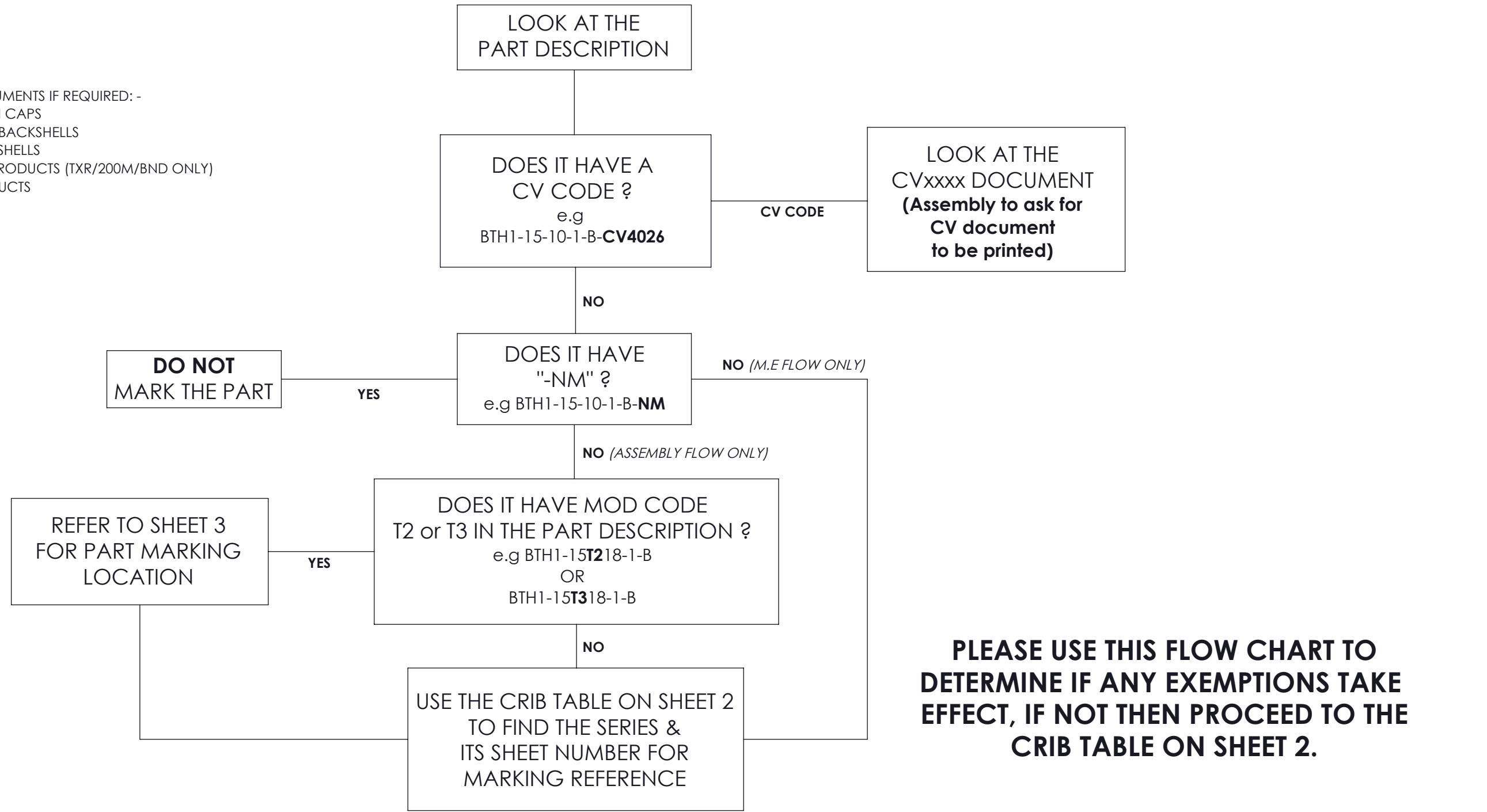


PART MARKING GUIDE FOR CIRCULAR BACKSHELLS

THIS DOCUMENT TAKES PRECEDENCE OVER PRODUCTION DRAWINGS (BOM) & CUSTOMER DRAWINGS

OTHER PART MARKING DOCUMENTS IF REQUIRED: -

- DM0044 - PROTECTION CAPS
- DM0050 - MICRO MIN BACKSHELLS
- DM0051 - D-SUB BACKSHELLS
- DM0079 - RAYCHEM PRODUCTS (TXR/200M/BND ONLY)
- DM0107 - 85049 PRODUCTS



PLEASE USE THIS FLOW CHART TO DETERMINE IF ANY EXEMPTIONS TAKE EFFECT, IF NOT THEN PROCEED TO THE CRIB TABLE ON SHEET 2.

AF	ECR-24-223881 (CRN 26424)	21/10/2024	NH	RS
AE	ECR-24-218681 (CRN 26424)	17/09/2024	NH	RS
AD	ECR-24-216466	02/08/2024	NH	RS
REV	DESCRIPTION	DATE	DWN	APVD

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0,40 1 PLC ±0,20 2 PLC ±0,10 ANGLES ±1° ALL FILLETS 0,4 MAX
ALL DIAMETERS	
SURFACE FINISH Ra1,6 MAX REMOVE ALL BURRS AND SHARP EDGES TO 0,1 MAX	

DWN	19/07/2022	MATERIAL	N/A	HEAT TREAT	N/A
CHK	21/07/2022	TE Connectivity			
R.STYLES					
APVD	19/07/2022				
R.MCSHERRY		NAME PART MARK GUIDE FOR CIRCULAR BACKSHELLS (CATALOGUE PARTS)			
SCALE	2:1	SIZE	A3	PART NO	DM0113
SHEET 1 OF 7				REV	AF

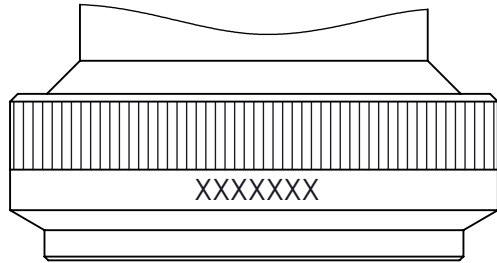
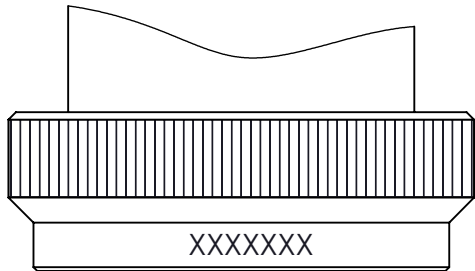
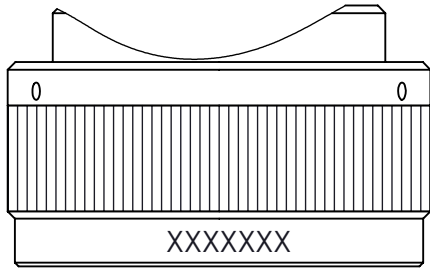
PART MARKING GUIDE FOR CIRCULAR BACKSHELLS

THIS DOCUMENT TAKES PRECEDENCE OVER PRODUCTION DRAWINGS (BOM) & CUSTOMER DRAWINGS

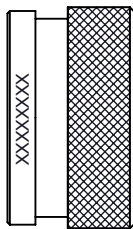
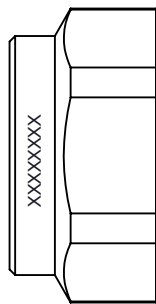
CRIB TABLE (USE THIS TABLE TO REFER TO WHICH SHEET FOR MARKING SEQUENCE)

SERIES	SHEET NO.	SERIES	SHEET NO.	SERIES	SHEET NO.	SERIES	SHEET NO.	SERIES	SHEET NO.
11	4	DB	4	100P3249	4	ACSD	7		
15	4	DC	4	100P2121	4	S700	4		
25	4	DSH	7	100P615	4	DSF	4		
34	4	KM	4	100P3214	4	DSF (T3)	7		
35	4	KMA	4	100P1703	4	100P275	7		
36	4	KMCC	4	PMTAK	6	100P781	4		
37	4	GKN	4	PMTAKS (NPT)	7	308	4		
39	4	MB	4	PMTAKR (NPT)	7				
51	4	NPF	4	TAK	5				
60	4	NPM	4	100P449	6				
64	4	PAS	4	100P1676	6				
70	4	PGF	4	100P2268	6				
76	4	PVG	4	100P2739	6				
77	4	SIT	4	100P2960	6				
86	4	TMF	4	100P3062	6				
88	4	TMM	4	100P3210	6				
91*	4	VG	4	100P3213	6				
92	4	100P252	4	100P3337	6				
95	4	100P670	4	100P3610	6				
96	4	100P1300	4	100P3623	6				
97	4	100P2682	4	100P3658	6				
98	4	100P3230	7	100P3707	6				
99	4	100P3307	4	100P308	6				
AP	6	100P3738	4	100P1608	4				
APNCJ	4	100P3807LN	4	100P3718	4				
BC	4	100P3807	4	POL3660/17	5				
BT	4	100P1396	4	POL3660/18	5				

EXAMPLES OF NUT PROFILES AND RESPECTIVE MARKING LOCATIONS



S700 NUT EXAMPLE MARKING LOCATION



* NOTE: FOR ANY SERIES WITH A 'HE' SPRING REFERENCE, IT IS REMOVED FROM THE PART MARKING SEQUENCE;
FOR EXAMPLE FULL PART DESCRIPTION - 91H1-11-05-1-C-HE100
PART DESCRIPTION FOR MARKING - 91H1-11-05-1-C

EXAMPLE OF WHERE TO FIND THE SERIES CODE IN THE PART DESCRIPTION:

91H1-11-05-1-C

SERIES (MINIMUM 2 CHARACTERS LONG, FOUND IN TABLE ABOVE)

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	0 PLC ±0,40 1 PLC ±0,20 2 PLC ±0,10 ANGLES ±1° ALL FILLETS 0,4 MAX

ALL DIAMETERS		0,10
SURFACE FINISH Ra1,6 MAX REMOVE ALL BURRS AND SHARP EDGES TO 0,1 MAX		

DWN	19/07/2022	MATERIAL	N/A	HEAT TREAT	N/A
CHK	21/07/2022	TE Connectivity			
R.STYLES					
APVD	19/07/2022				
R.MCSHERRY					
NAME	PART MARK GUIDE FOR CIRCULAR BACKSHELLS (CATALOGUE PARTS)				
SCALE	2:1	SIZE	A3	PART NO	DM0113
SHEET	2	OF	7	REV	AF

PART MARKING GUIDE FOR CIRCULAR BACKSHELLS

SEE NOTES FOR EXEMPTIONS

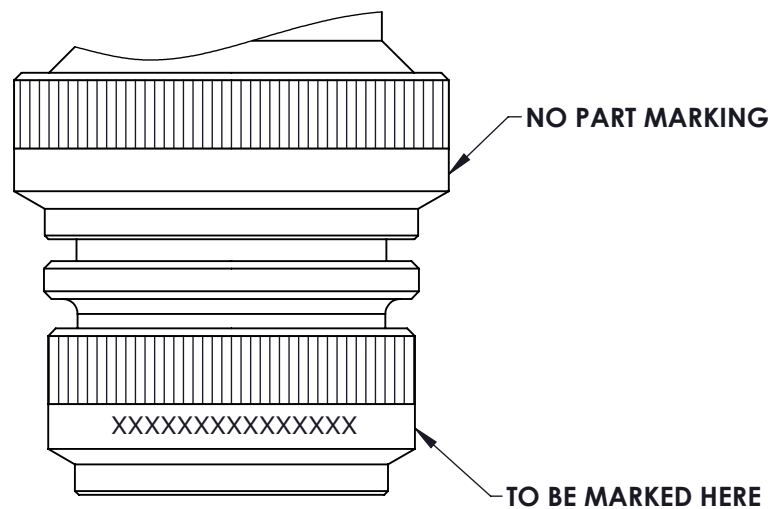
THIS DOCUMENT TAKES PRECEDENCE OVER PRODUCTION DRAWINGS (BOM) & CUSTOMER DRAWINGS

STYLE 2 (T2) / STYLES 3 (T3) BACKSHELL EXAMPLE

TWO PIECE BACKSHELL ASSEMBLY

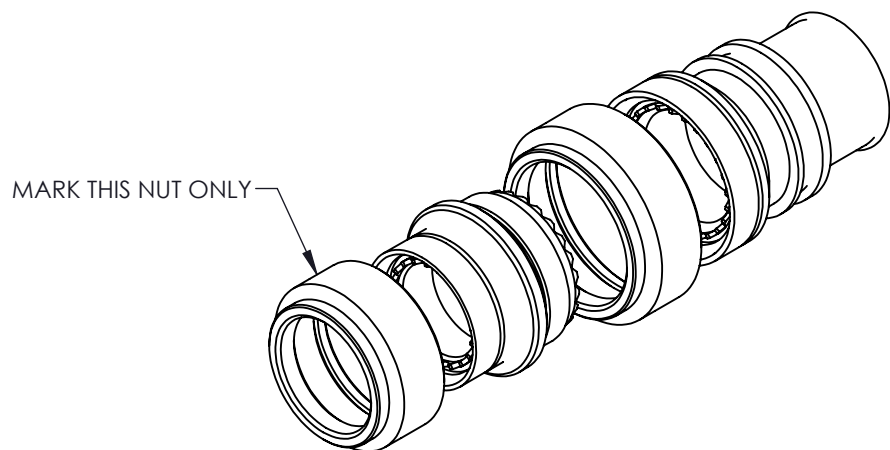
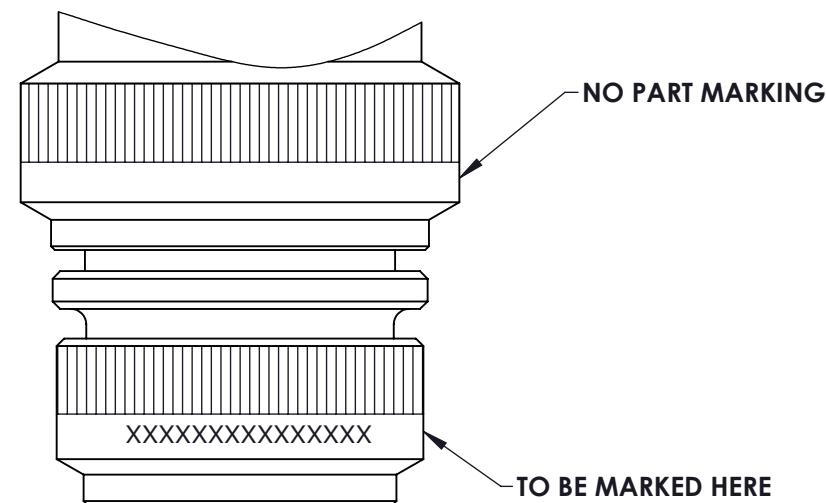
ONLY FRONT NUT MUST BE PART MARKED

T2 EXAMPLE

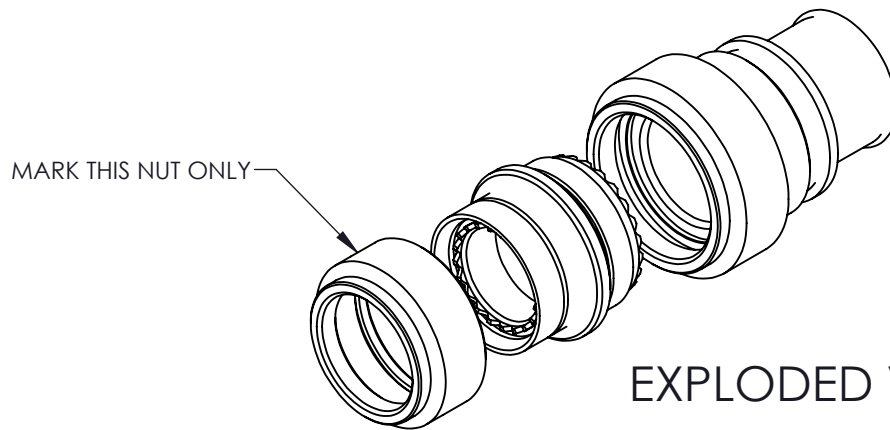


T3 EXAMPLE

USE SAME PARAMETERS AS STATED ON T2 EXAMPLE



EXPLODED VIEW



EXPLODED VIEW

-	SEE SHEET 1	-	-	-	ALL DIAMETERS	 Ø0,10
REV	DESCRIPTION	DATE	DWN	APVD	SURFACE FINISH Ra1.6 MAX REMOVE ALL BURRS AND SHARP EDGES TO 0,1 MAX	

SCALE	SIZE	PART NO	SHEET	REV
2:1	A3	DM0113	3 OF 7	AF

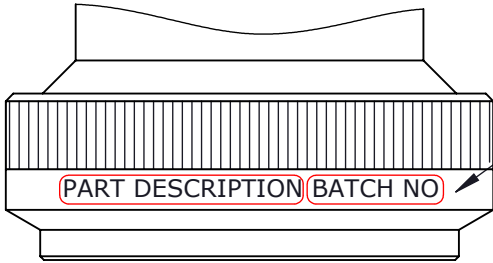
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0,40 1 PLC ±0,20 2 PLC ±0,10 ANGLES ±1° ALL FILLETS 0,4 MAX
ALL DIAMETERS	
SURFACE FINISH Ra1,6 MAX REMOVE ALL BURRS AND SHARP EDGES TO 0,1 MAX	

DWN	19/07/2022	MATERIAL	N/A	HEAT TREAT	N/A
CHK	21/07/2022				
R.STYLES	19/07/2022				
APVD	R.MCSHERRY	PART MARKING GUIDE FOR CIRCULAR BACKSHELLS (CATALOGUE PARTS)			
NAME					
SCALE	SIZE	PART NO	SHEET	OF	REV
2:1	A3	DM0113	3	7	AF

PART MARKING GUIDE FOR CIRCULAR BACKSHELLS

PART MARKING DETAILS TABLE - BACKSHELL SERIES REQUIRING PART NUMBER AND BATCH NUMBER ONLY

SERIES				
11		99		100P670
15		APNCJ		100P1300
25		BC		100P1608
34		BT		100P2682
35		DB		100P3718
36		DC		100P3307
37		DSF		100P3738
39		KM		100P3807LN
51		KMA		100P3807
60		KMCC		100P1396
64		GKN		100P3249
70		MB		100P2121
76		NPF		100P615
77		NPM		100P3214
86		PAS		100P1703
88		PGF		S700
91		PVG		100P781
92		SIT		308
95		TMF		
96		TMM		
97		VG		
98		100P252		



MARKING SEQUENCE

PART DESCRIPTION P*****

***** TO BE REPLACED WITH BATCH NUMBER

NOTE: FOR ANY SERIES WITH A 'HE' SPRING REFERENCE, IT IS REMOVED FROM THE PART MARKING SEQUENCE

FOR EXAMPLE FULL PART DESCRIPTION - 91H1-11-05-1-C-HE100
PART DESCRIPTION FOR MARKING - 91H1-11-05-1-C

EXAMPLE OF WHERE TO FIND THE SERIES CODE IN THE PART DESCRIPTION:

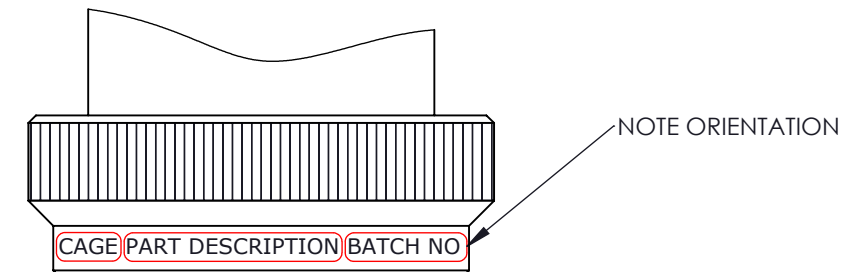
91H1-11-05-1-C

SERIES 91
(MINIMUM 2 CHARACTERS LONG, FOUND IN TABLE ABOVE)

-	SEE SHEET 1	-	-	-
REV	DESCRIPTION	DATE	DWN	APVD

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ±0,40 1 PLC ±0,20 2 PLC ±0,10 ANGLES ±1° ALL FILLETS 0,4 MAX
ALL DIAMETERS	SURFACE FINISH Ra1,6 MAX REMOVE ALL BURRS AND SHARP EDGES TO 0,1 MAX

DWN		19/07/2022	MATERIAL	N/A	HEAT TREAT	N/A
K.KUTA-WINCZURA			 TE Connectivity			
CHK		21/07/2022				
R.STYLES						
APVD		19/07/2022				
R.MCSHERRY						
NAME PART MARK GUIDE FOR CIRCULAR BACKSHELLS (CATALOGUE PARTS)						
SCALE	SIZE	PART NO			SHEET	REV
2:1	A3	DM0113			4 OF 7	AF

PART MARKING DETAILS TABLE - **BACKSHELL SERIES REQUIRING CAGE CODE, PART NUMBER AND BATCH NUMBER**[illegible]

MARKING SEQUENCE

CAGE CODE PART DESCRIPTION P*****

***** TO BE REPLACED WITH BATCH NUMBER

EXAMPLE OF WHERE TO FIND THE SERIES CODE
IN THE PART DESCRIPTION:

TAKH1-11-05-1-C-SB

SERIES _____
(MINIMUM 2 CHARACTERS LONG, FOUND IN TABLE ABOVE)

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0,40 1 PLC ±0,20 2 PLC ±0,10 ANGLES ±1° ALL FILLETS 0,4 MAX		CHK 21/07/2022 R.STYLES APVD 19/07/2022 R.MCSHERRY		 TE Connectivity	
		NAME PART MARK GUIDE FOR CIRCULAR BACKSHELLS (CATALOGUE PARTS)					
ALL DIAMETERS  0,10		SCALE 2:1	SIZE A3	PART NO DM0113		SHEET 5 OF 7	REV AF
SURFACE FINISH Ra1,6 MAX REMOVE ALL BURRS AND SHARP EDGES TO 0,1 MAX							

PART MARKING GUIDE FOR CIRCULAR BACKSHELLS

USED ON -

PART MARKING DETAILS TABLE - BACKSHELL SERIES REQUIRING SPECIAL MARKING or LOCATION REQUIREMENTS (N = NO / Y =YES)

SERIES	CAGE CODE	CAGE CODE	PART DESCRIPTION	BATCH NUMBER PREFIX	PREFIX LETTER	BATCH NUMBER	DATE CODE	DATE CODE FORMAT	ADDITIONAL INFORMATION
100P449	N	-	N	N	-	N	N	-	NO MARKING REQUIRED
100P1676	N	-	N	N	-	N	N	-	NO MARKING REQUIRED
100P2268	N	-	N	N	-	N	N	-	NO MARKING REQUIRED
100P2739	N	-	Y	Y	P	Y	N	-	SPECIAL MARKING ON CUSTOMER DRAWING
100P2960	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P3062	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P3210	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P3213	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P3337	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P3610	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P3623	N	-	Y	Y	P	Y	N	-	SPECIAL MARKING ON CUSTOMER DRAWING
100P3658	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P3707	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P308	N	-	N	N	-	N	N	-	NO MARKING REQUIRED
AP	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
PMTAK	Y	06090	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING

NOTE: - IF THE TEXT LENGTH OF THE MARKING IS TOO LONG TO FIT IN A SUITABLE GAP AS PER THE LOCATION STIPULATED IN THE TABLE ABOVE IN ONE LINE, THEN MULTIPLE LINES CAN BE USED.

EXAMPLE OF WHERE TO FIND THE SERIES CODE IN THE PART DESCRIPTION:

100P1138-14-1-C

SERIES (MINIMUM 2 CHARACTERS LONG, FOUND IN TABLE ABOVE)

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0,40
1 PLC ±0,20
2 PLC ±0,10
ANGLES ±1°
ALL FILLETS 0,4 MAX

ALL DIAMETERS R0,10
SURFACE FINISH Ra1,6 MAX
REMOVE ALL BURRS AND SHARP EDGES TO 0,1 MAX

DWN 19/07/2022		MATERIAL N/A		HEAT TREAT N/A	
CHK K.KUTA-WINCZURA					
R.STYLES					
APVD 19/07/2022					
R.MCSHERRY					
NAME PART MARK GUIDE FOR CIRCULAR BACKSHELLS (CATALOGUE PARTS)					
SCALE 2:1	SIZE A3	PART NO DM0113		SHEET 6 OF 7	REV AF

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DM0113
DWG NO
THIS DRAWING IS A CONTROLLED DOCUMENT

PART MARKING GUIDE FOR CIRCULAR BACKSHELLS (cont.)

USED ON -

PART MARKING DETAILS TABLE - *BACKSHELL SERIES REQUIRING SPECIAL MARKING or LOCATION REQUIREMENTS (N = NO / Y =YES)*

SERIES	CAGE CODE	CAGE CODE	PART DESCRIPTION	BATCH NUMBER PREFIX	PREFIX LETTER	BATCH NUMBER	DATE CODE	DATE CODE FORMAT	ADDITIONAL INFORMATION
PMTAKS (NPT)	Y	06090	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
PMTAKR (NPT)	Y	06090	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P3230	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
ACSD	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
DSF (T3)	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
DSH	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING
100P275	N	-	Y	Y	P	Y	N	-	MARKING LOCATION ON CUSTOMER DRAWING

NOTE: - IF THE TEXT LENGTH OF THE MARKING IS TOO LONG TO FIT IN A SUITABLE GAP AS PER THE LOCATION STIPULATED IN THE TABLE ABOVE IN ONE LINE, THEN MULTIPLE LINES CAN BE USED.

EXAMPLE OF WHERE TO FIND THE SERIES CODE IN THE PART DESCRIPTION:

100P1138-14-1-C

SERIES 100P1138-14-1-C
(MINIMUM 2 CHARACTERS LONG, FOUND IN TABLE ABOVE)

-	SEE SHEET 1	-	-	-
REV	DESCRIPTION	DATE	DWN	APVD

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0,40 1 PLC ±0,20 2 PLC ±0,10 ANGLES ±1° ALL FILLETS 0,4 MAX
ALL DIAMETERS Ø0,10	
SURFACE FINISH Ra1,6 MAX REMOVE ALL BURRS AND SHARP EDGES TO 0,1 MAX	

DWN	19/07/2022	MATERIAL	N/A	HEAT TREAT	N/A
CHK	21/07/2022	TE Connectivity			
APVD	19/07/2022				
NAME	R.MCSHERRY	PART MARK GUIDE FOR CIRCULAR BACKSHELLS (CATALOGUE PARTS)			
SCALE	2:1	SIZE	A3	PART NO	DM0113
SHEET	7	OF	7	REV	AF