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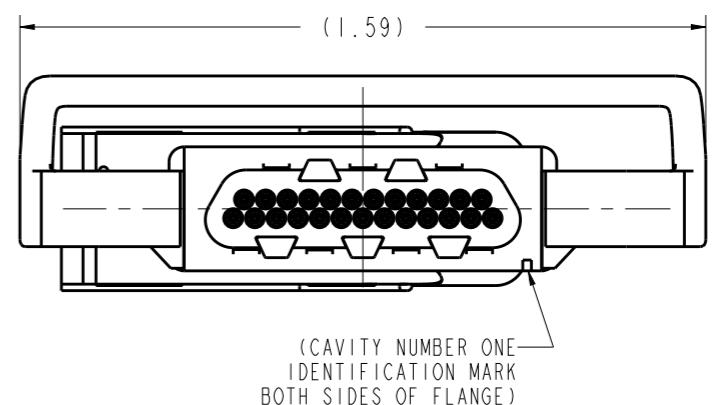
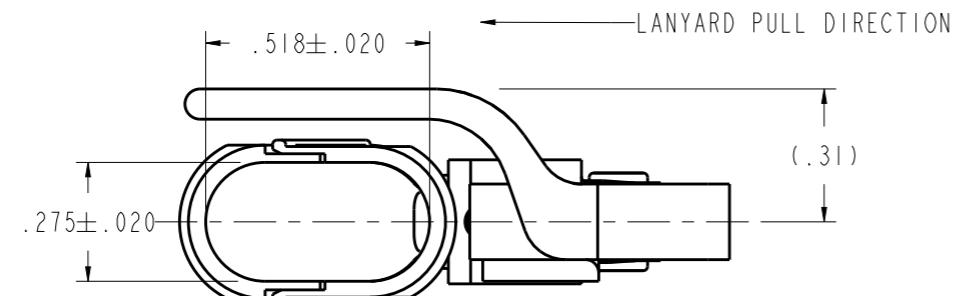
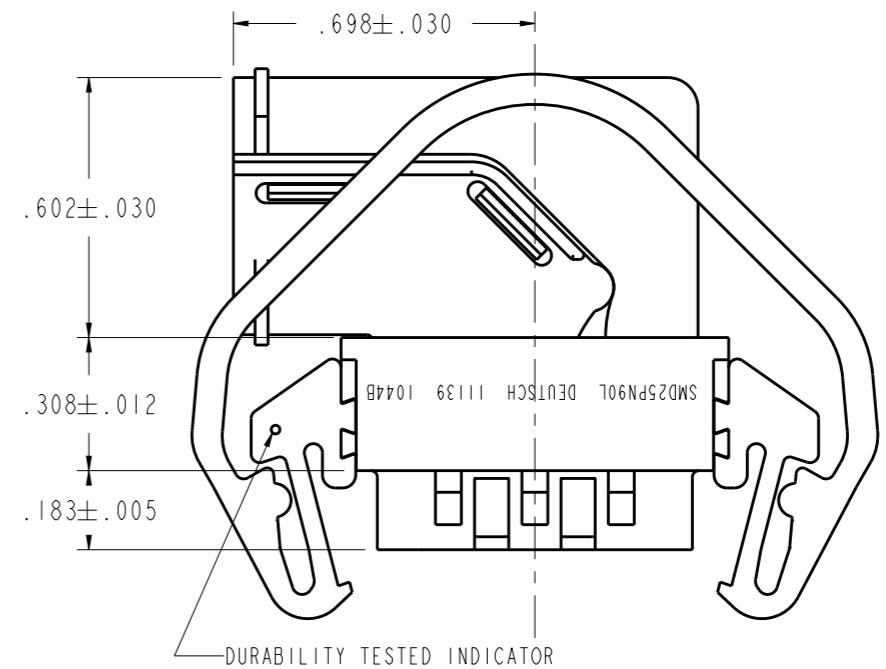
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
F		REVISED PER E.O. D0387	121228	-	A.R.
FI		REVISED PER ECO-14-008046	140528	E.V.	M.A.

SMD 25 P * 90 * - ***
 MODIFICATIONS
 LANYARD:
 L = INCLUDED (LEAVE BLANK FOR NO LANYARD)
 BACKSHELL STYLE:
 90 = 90 DEGREE
 FINISH / SHELL MATERIAL:
 N = NICKEL / PLASTIC
 U = UNPLATED / PLASTIC
 SHELL STYLE:
 P = PLUG
 CONTACT QUANTITY:
 25
 BASIC IDENTIFIER:
 SMD = SERVICEABLE MICRO DEUTSCH



NOTES CONTINUED ON SHEET TWO

2. MATERIAL / FINISH:

SHELL: RIGID COMPOSITE / SEE PART NUMBER BREAKDOWN

INSERT: RIGID COMPOSITE / NATURAL

LANYARD: RIGID COMPOSITE / NATURAL, PART NUMBER 5622-201-02501 (REF. ONLY)

KEYS: RIGID COMPOSITE / NATURAL

1. DIMENSIONS ARE IN INCHES.

NOTES: UNLESS OTHERWISE SPECIFIED

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DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME
	0 PLC	±-	A. RASMUSSEN 120611
	1 PLC	±0.1	CHK 121002
	2 PLC	±0.01	P. BYUN
	3 PLC	±0.005	APVD 121228
	4 PLC ANGLES	±0.0005 ±.5	A. RENGIFO PRODUCT SPEC
			APPLICATION SPEC
			WEIGHT
MATERIAL	FINISH		Customer Drawing
			SCALE NONE
			RESTRICTED TO
			A3 C-SMD25Pxxxx
			1 OF 2 REV F1



TE Connectivity

CONNECTOR, PLUG LANYAR RELEASE
 SMD SERIES, SIZE 25
 ENVELOPE

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-		SEE SHEET I	-	-	-

9. CONSULT FACTORY FOR AVAILABILITY.
 8. LANYARD MAY BE ORIENTED "UP" OR "DOWN".
 CAUTION: LANYARD MUST BE PULLED PARALLEL TO CONNECTOR MATING
 DIRECTION FOR PROPER RELEASE OF MATED CONNECTORS.
 7. BACKSHELL MAY BE ORIENTED "LEFT" OR "RIGHT".
 6. CONTACTS SOLD SEPARATELY.
 LOOSE PIN CONTACT P/N: 5660-212-25143
 REEL PIN CONTACT P/N: 5660-201-25143
 5. ALL COMPONENTS PROVIDED LOOSE IN "KIT" FORM.
 4. FOR ARRANGEMENTS, SEE MIL-DTL-83513/3.

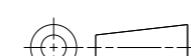
3. PERFORMANCE DATA:
 OPERATING TEMPERATURE: -55°C TO +125°C
 WIRE SIZE: 28 AWG TO 24 AWG WITH MAXIMUM INSULATION DIAMETER OF .042"
 BLIND MATEABLE WITH SMD25R**
 UNMATE WITH A SINGLE FINGER WHEN MATED WITH SMD25R***
 CONTACT ENGAGEMENT AND SEPARATION FORCES: IN ACCORDANCE WITH MIL-DTL-83513
 CONTACT RESISTANCE: 7 MILLIOHMS MAXIMUM INITIAL (CRIMP-TO-CRIMP)
 CONTACT RETENTION: 3 POUNDS MINIMUM
 CRIMP TENSILE STRENGTH: IN ACCORDANCE WITH MIL-DTL-83513
 CURRENT RATING: 3.0 AMPS (CONTINUOUS) WHEN TESTED IN ACCORDANCE WITH MIL-DTL-83513
 DURABILITY: IN ACCORDANCE WITH MIL-DTL-83513
 DWV AT SEA LEVEL: 500 VAC
 EMI SHIELDING EFFECTIVENESS WHEN TESTED IN ACCORDANCE WITH MIL-STD-1344 METHOD 3008:

50 DB ATTENUATION AT 1GHZ
 35 DB ATTENUATION AT 2GHZ
 30 DB ATTENUATION AT 4GHZ
 25 DB ATTENUATION AT 6GHZ

ENDURANCE AT TEMPERATURE: WHEN TESTED IN ACCORDANCE WITH EN2591-301 METHOD B DURATION 1000 HOURS
 FLUID RESISTANCE: IN ACCORDANCE WITH EN2591-315 WHEN TESTED WITH PHASE I AMBIENT TEMPERATURE AND THIRD PHASE PER EN3909 TABLE I
 HUMIDITY: IN ACCORDANCE WITH MIL-DTL-83513
 INSERT RETENTION: IN ACCORDANCE WITH MIL-DTL-83513
 INSULATION RESISTANCE: IN ACCORDANCE WITH MIL-DTL-83513
 LOW SIGNAL LEVEL CONTACT RESISTANCE: IN ACCORDANCE WITH MIL-DTL-83513
 MAGNETIC PERMEABILITY: IN ACCORDANCE WITH MIL-DTL-83513
 MARKING PERFORMANCE: IN ACCORDANCE WITH MIL-DTL-83513
 SALT MIST: 48 HOURS FOR EXPOSED CONTACTS, 500 HOURS FOR REMAINING ITEMS, WHEN TESTED IN ACCORDANCE WITH EN2591-307
 SHOCK: 30G (HALF-SINE) WHEN TESTED IN ACCORDANCE WITH EIA-364-27 TEST CONDITION H
 VIBRATION: 10G (10 HZ TO 500 HZ) WHEN TESTED IN ACCORDANCE WITH EIA-364-28 TEST CONDITION II DURATION PER CONDITION IV

NOTES CONTINUED FROM SHEET ONE

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DIMENSIONS:
INCHESTOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	\pm	
1 PLC	± 0.1	
2 PLC	± 0.01	
3 PLC	± 0.005	
4 PLC ANGLES	± 0.0005	$\pm .5$

MATERIAL

FINISH

WEIGHT

Customer Drawing

DWN
A. RASMUSSEN
CHK
P. BYUN
APVD120611
121002
121228

PRODUCT SPEC

APPLICATION SPEC

Customer Drawing



TE Connectivity

CONNECTOR, PLUG LANYAR RELEASE
SMD SERIES, SIZE 25
ENVELOPE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	C-SMD25PXXXX		-