

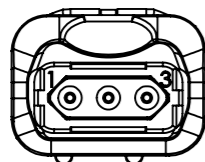
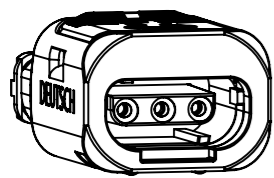
DRAWING NUMBER

611252-3-ENV

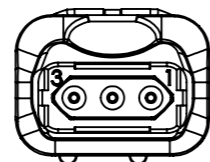
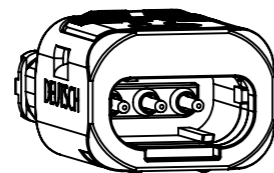
A3

BS 8888
THIRD ANGLE
PROJECTION
IF IN DOUBT, ASK

2:1



SOCKET/FEMALE
CONTACT CAVITY
IDENTIFICATION ON REAR



PIN/MALE
CONTACT CAVITY
IDENTIFICATION ON REAR

NOTES:

1. MARKED WITH DEUTSCH PART No., DEUTSCH (HASTINGS) CAGE CODE AND DATE CODE.

PART NUMBER EXAMPLE:

D369 - P 3 3 - N P 1

BASIC PART No.
SHELL STYLE (P = PLUG)
SHELL SIZE
CONTACT QTY
(3 = 3 x #22's)

CONTACT CONFIGURATION
CONTACT TYPE (P = PIN, S = SKT)
SHELL KEYING

2. PERFORMANCE:
TEMPERATURE RANGE : -55°C TO +175°C. INSULATION RESISTANCE : ≥5000 MΩ.
DIELECTRIC WITHSTAND: 1500VRMS, <2mA. SEALING: 15KM(50000FT) ALTITUDE / IP67
DURABILITY : 500 MATING CYCLES MIN. FLUID RESISTANCE: I.A.W. EN2591-315.
FLAMMABILITY, SMOKE AND TOXICITY: I.A.W. FAR 25.853 APPENDIX F.

3. INSERTION/EXTRACTION TOOL (M81969/14-01 OR EQUIVALENT) SUPPLIED SEPARATELY.

4. Contact Configuration	Contact Description	Contact P/N (OR EQUIVALENT)		Crimp Positioner		Crimp Tool	Wire Accommodation	Current Rating
		Pin	Socket	Pin	Socket			
0		NO CONTACTS SUPPLIED						
1	CRIMP, COPPER WIRE	38941-22	38946-22	M22520/2-09	M22520/2-06	M22520/2-01	22-28 AWG	5A (22 AWG)
2	CRIMP, ALUMINIUM WIRE	200-1042-22	200-1142-22	KAL2		ALNP 22-A	22 AWG	5A
3	CRIMP, COPPER WIRE (ENLARGED WIRE)	182-0860-22	182-0862-22	M22520/2-09	M22520/2-06	M22520/2-01	20-24 AWG	5A (20 AWG)

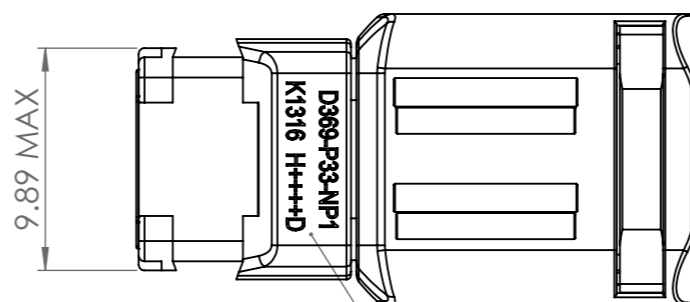
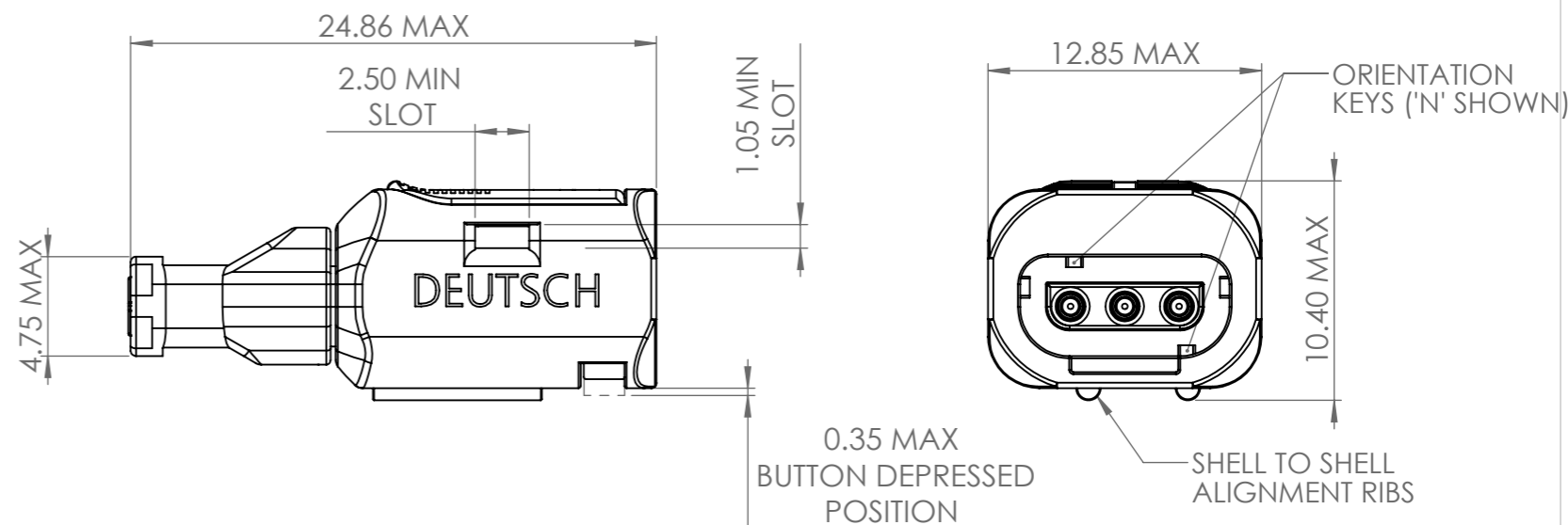
5. MATERIALS:

COMPONENT	MATERIAL (FINISH: NONE IN ALL CASES)
SEALS	SILICONE / FLUOROSILICONE BLEND RUBBER PER AMS-R-25988 TYPE II, CLASS I, GRADE 40
BODY / INSERT COMPONENTS	POLYETHERIMIDE, 10% GLASS FILLED PER ASTM D 5205 or POLYETHERETHERKETONE, 450G, PER MIL-P-46183 TYPE I

6. MAXIMUM WEIGHT (WITHOUT CONTACTS):
1.9g (PIN INSERT), 2.0 (SKT INSERT).

7. IF FILLER PLUGS ARE REQUIRED USE ONE OF THE FOLLOWING:
SUPPLIER P/N: 600300-22 OR MIL-Spec P/N: MS27488-22-2

AD	DUK-67746	WS	RJM	KJF	GLB	08/02/2017
ISSUE	CHANGE NOTE	DRAWN	CHECKED	APP. ENG.	APP. MARKETING	DATE

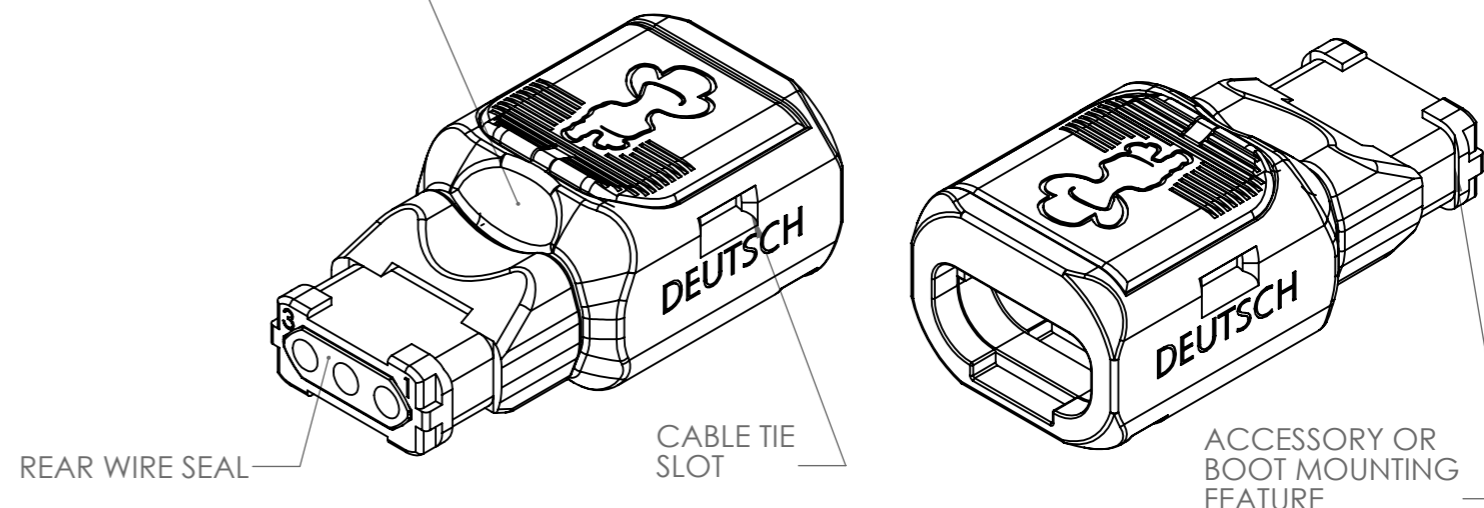


1. PART MARKING

SHELL KEYING

ORIENTATION	COLOUR
N	BLACK
A	DARK RED
B	DARK BLUE
C	DARK GREEN
D	YELLOW

SHELL COLOUR IS KEYING DEPENDENT (SEE TABLE)



MATERIAL		THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES (TE). IT MAY NOT BE DISCLOSED TO ANYONE, OTHER THAN TE PERSONNEL, WITHOUT AUTHORIZATION FROM TE (www.TE.com).	 DEUTSCH ST LEONARDS ON SEA, EAST SUSSEX, TN38 9RF TEL. +44 (0)1424 852721
SEE NOTES			
HEAT TREATMENT & FINISH			
PACKAGING		TITLE	TYPE CUSTOMER DRAWING
SCALE	3:1	DRAWING NUMBER	
DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED		611252-3-ENV	