

NOTES:

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

PART NUMBER EXAMPLE: D369 - B 6 6 - N S 4

BASIC PART No. _____
SHELL STYLE (B = FLANGE MOUNT, 1.60MM PANEL (A)) _____
SHELL SIZE _____
CONTACT QTY (6 = 6 x #22's) _____

CONTACT CONFIGURATION (3)
CONTACT TYPE (S = SKT/FEMALE)
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. CONTACT CONFIGURATION:
4 = GOLD PLATED CONTACTS, 90° PCB MOUNTING.
5 = GOLD PLATED CONTACTS, TIN DIPPED, 90° PCB MOUNTING.

4. MATERIALS:

COMPONENT	MATERIAL (FINISH: NONE UNLESS STATED)
SEALS / PANEL GASKET	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

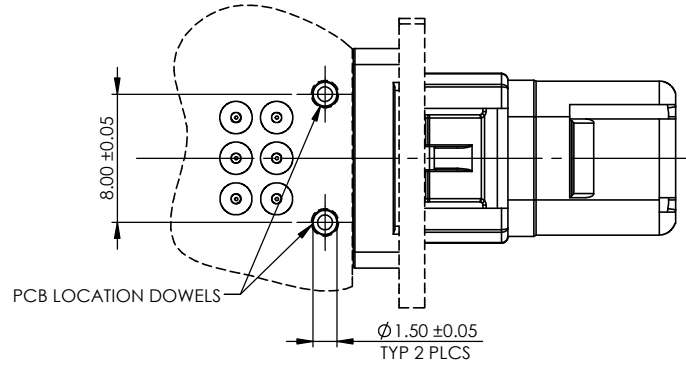
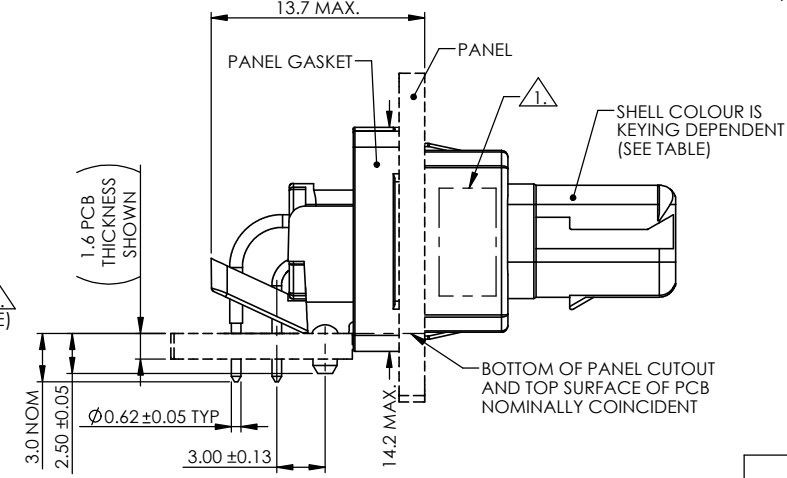
THESE CONNECTORS ARE ROHS COMPLIANT.

5. RECOMMENDED PANEL THICKNESS LISTED IN TABLE BELOW FOR REFERENCE ONLY. REFER TO INSTRUCTION SHEET 408-32194 FOR PANEL CUTOUT DIMENSIONS.

GASKET CONFIGURATION	NUMBER OF MARKS	RECOMMENDED PANEL THICKNESS	GASKET PART NUMBER
A	2	1.27	612154-6-A
B	3	1.60	612154-6-B
C	4	2.03	612154-6-C

6. MAXIMUM WEIGHT: 7.7g

AC	DUK-68100	LPM	RJM	GDM	CEO	16/05/2017
ISSUE	CHANGE NOTE	DRAWN	CHECKED	APP. ENG.	APP. MARKETING	DATE



HOLE TABLE			
HOLE TYPE	CO-ORDINATES		HOLE POSITION TOLERANCE
	'X'	'Y'	
PCB LOCATION HOLES	+3.00 REF	+4.00 REF	Ø 0.10
	+3.00 REF	-4.00 REF	
CONTACT TAIL HOLES	LOCATION	-	HOLE DIAMETER AND TOLERANCE AND HOLE POSITION TOLERANCES TO SUIT CUSTOMER PCB DESIGN GUIDELINES
	1	-2.54	
	2	-2.54	
	3	-2.54	
	4	0	
	5	0	
6	0	-2.54	

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

MATERIAL	
SEE TABLE	
HEAT TREATMENT & FINISH	
SEE TABLE	
PACKAGING	
SCALE	3:1
DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED	

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TITLE: D369 PANEL MOUNT PCB RECEPTACLE. 6 WAY SKT/FEMALE. ENVELOPE.

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DRAWING NUMBER: 612229-6S-ENV