

Customer Information Sheet

DRAWING No.: M90-601XX45

SHEET 2 OF 2

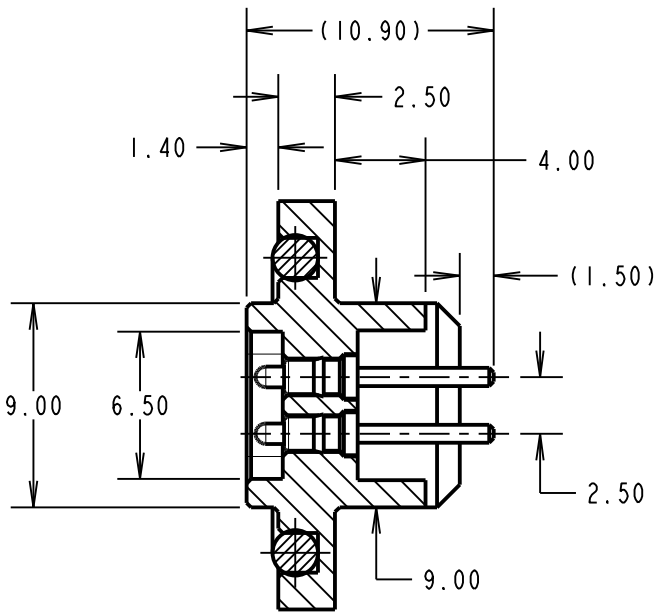
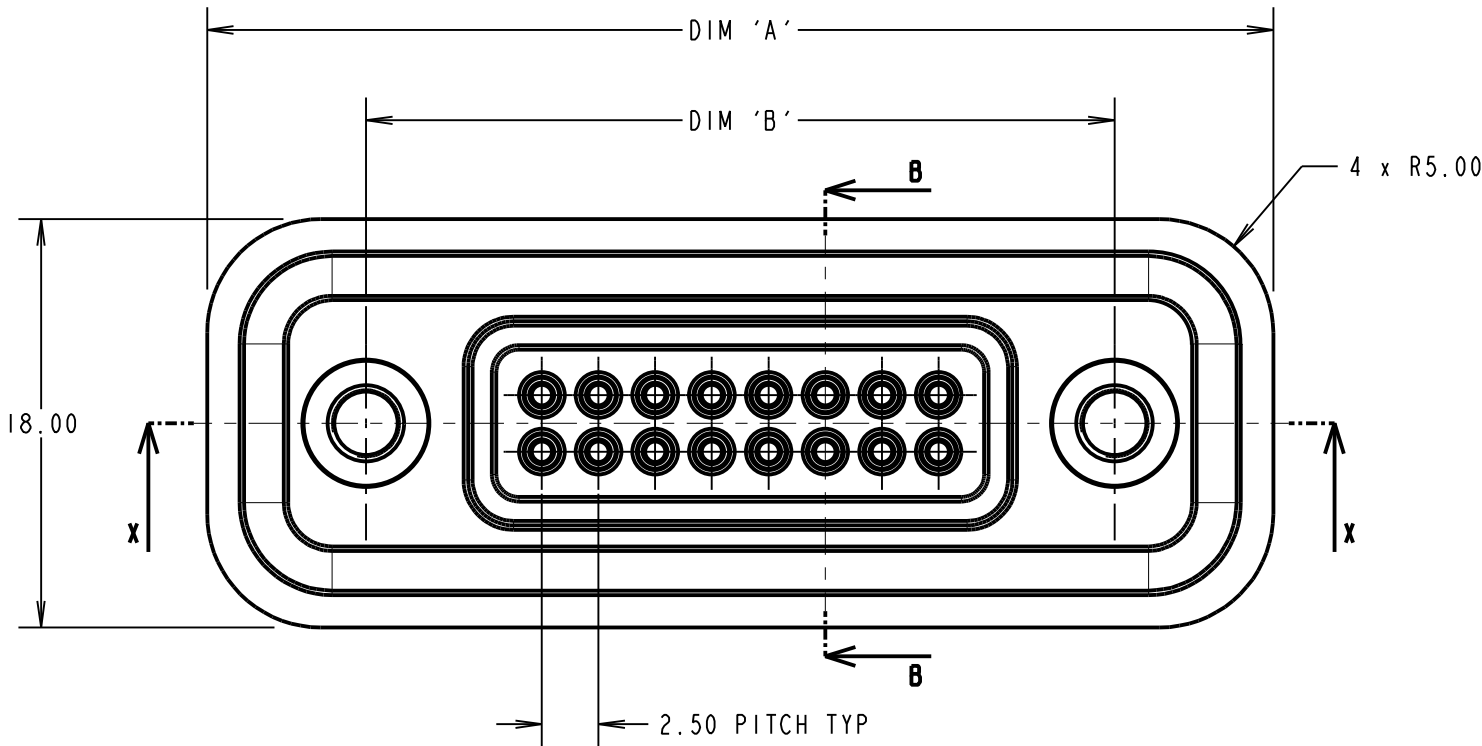
IF IN DOUBT - ASK

(C)

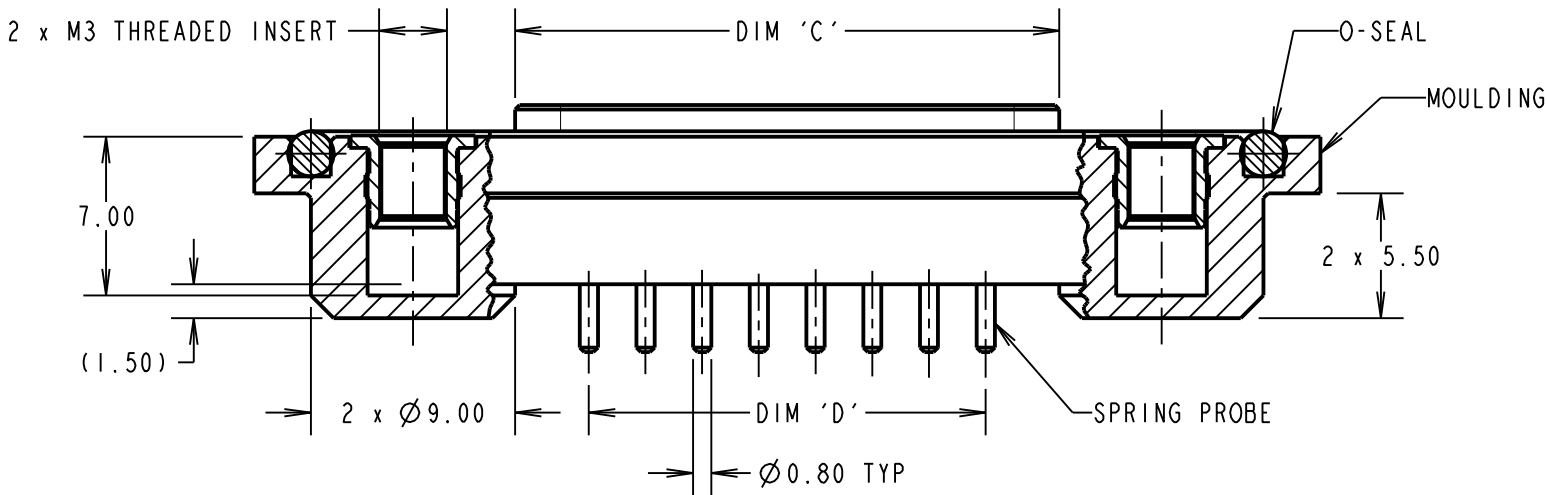
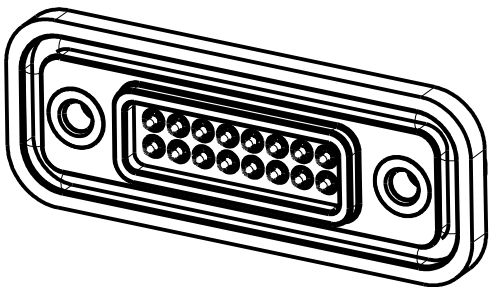
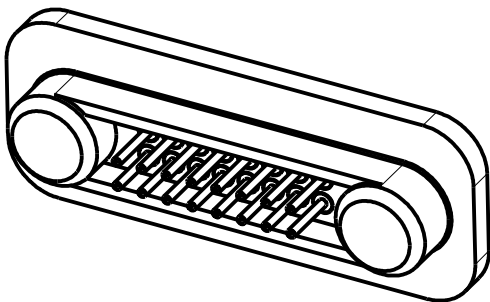
NOT TO SCALE

THIRD ANGLE PROJECTION

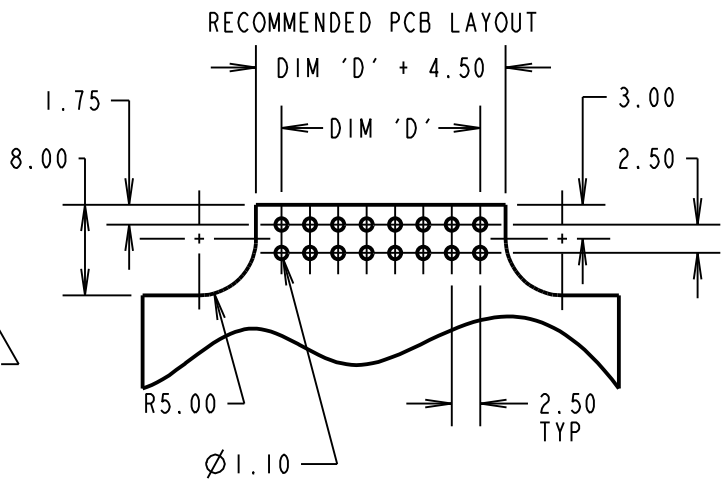
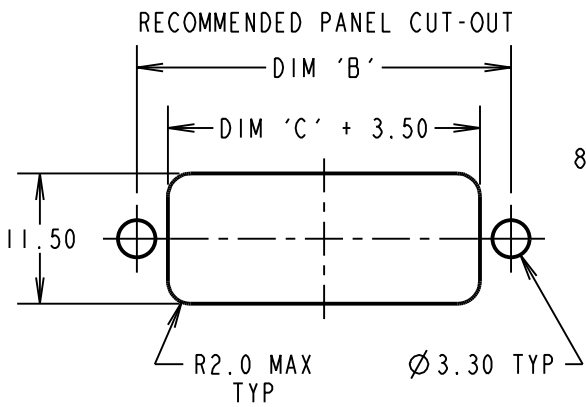
ALL DIMENSIONS IN mm



SECTION B-B



SECTION X-X



SPECIFICATION:

MATERIAL:

O-SEAL: THERMOPLASTIC ELASTOMER, 35 SHORE A
MOULDING: 30% GLASS FILLED POLYAMIDE 46
OR NYLON 6T, UL94V-0, BLACK

SPRING PROBE: BRASS
THREADED INSERT: BRASS

FINISH:
SPRING PROBE: GOLD

ELECTRICAL:

CONTACT RATING: 1A
WORKING VOLTAGE: 240V DC
CONTACT RESISTANCE: 30 MILLIOHMS
INSULATION RESISTANCE: 1000 MEGOHMS MIN AT 500V DC
ENVIRONMENTAL:
OPERATING TEMPERATURE: -40°C - +100°C

NOTES:

- DRAWING SHOWS 16-WAY CONNECTOR.
- RECOMMENDED BULKHEAD MOUNTING THICKNESS: 1.50mm.
- RECOMMENDED MOUNTING SCREWS: M3x6 CSK.
- MAXIMUM TORQUE FOR M3 x 6mm CSK MOUNTING SCREWS = 80cNM
WHEN CONNECTOR IS MOUNTED TO PANEL WITH DIAMETER 3.3 MAX FIXING HOLES.
- WHEN FULLY MATED WITH FIXED CONNECTOR, MOUNTING FLANGES WILL HAVE A GAP OF 3.5mm $\pm$ 0.1mm TO ALLOW FOR PANEL THICKNESS.

HARWIN

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TOLERANCES

X. = $\pm$ 1mm
X.X = $\pm$ 0.50mm
X.XX = $\pm$ 0.10mm
X.XXX = $\pm$ 0.01mm

ANGLES = $\pm$ 5°

UNLESS STATED

MATERIAL:

SEE SPECIFICATION

FINISH:

S/AREA:

mm²

TITLE:

SPRING PROBE ASSEMBLY

DRAWING NUMBER:

M90-601XX45

SHT

2 OF 2

MSP	8	21.04.15	12843
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: M.G.PLESTED			
DRAWN: N. CODLING			
CUSTOMER REF.:			
ASSEMBLY DRG:			

PART No.	No. OF WAYS	DIMENSION			
		A	B	C	D
M90-6010845	8 WAY	37.0	23.00	14.00	7.50
M90-6011245	12 WAY	42.0	28.00	19.00	12.50
M90-6011645	16 WAY	47.0	33.00	24.00	17.50