

Customer Information Sheet

DRAWING No.: M90-602XX45

SHEET 2 OF 2

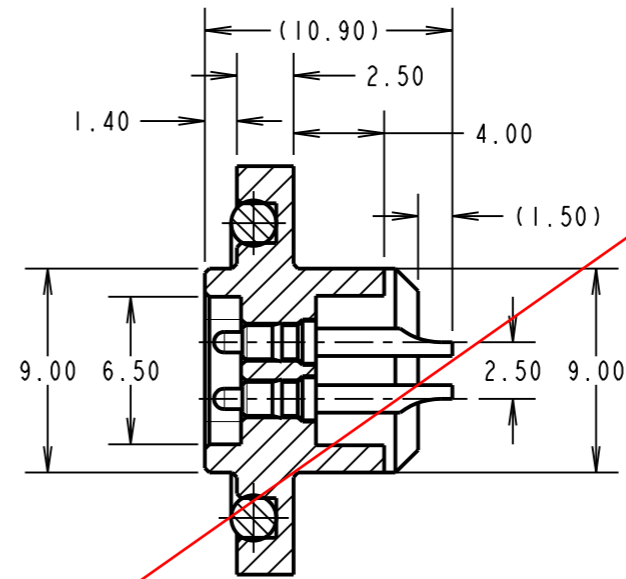
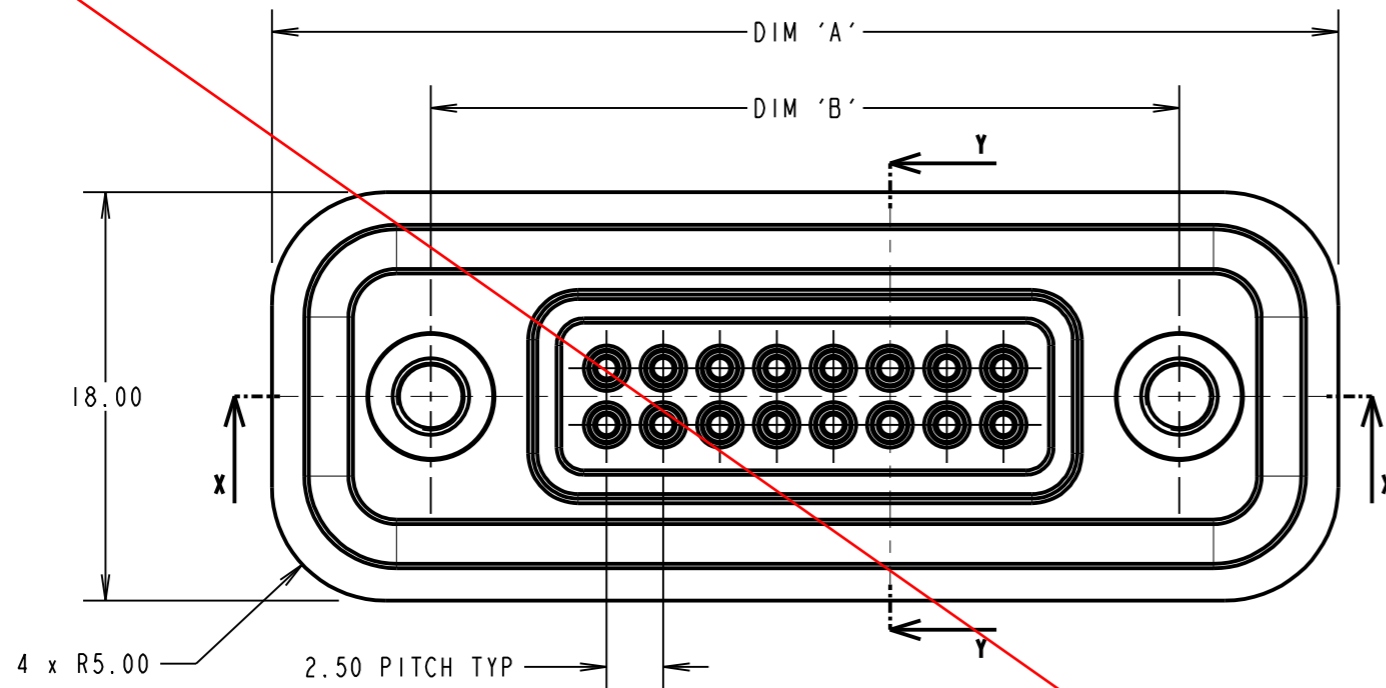
IF IN DOUBT - ASK

©

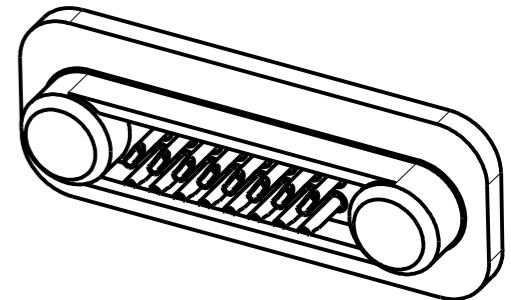
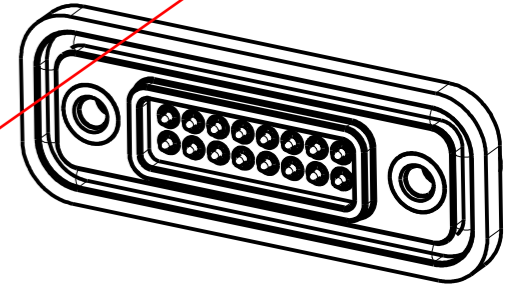
NOT TO SCALE

THIRD ANGLE PROJECTION

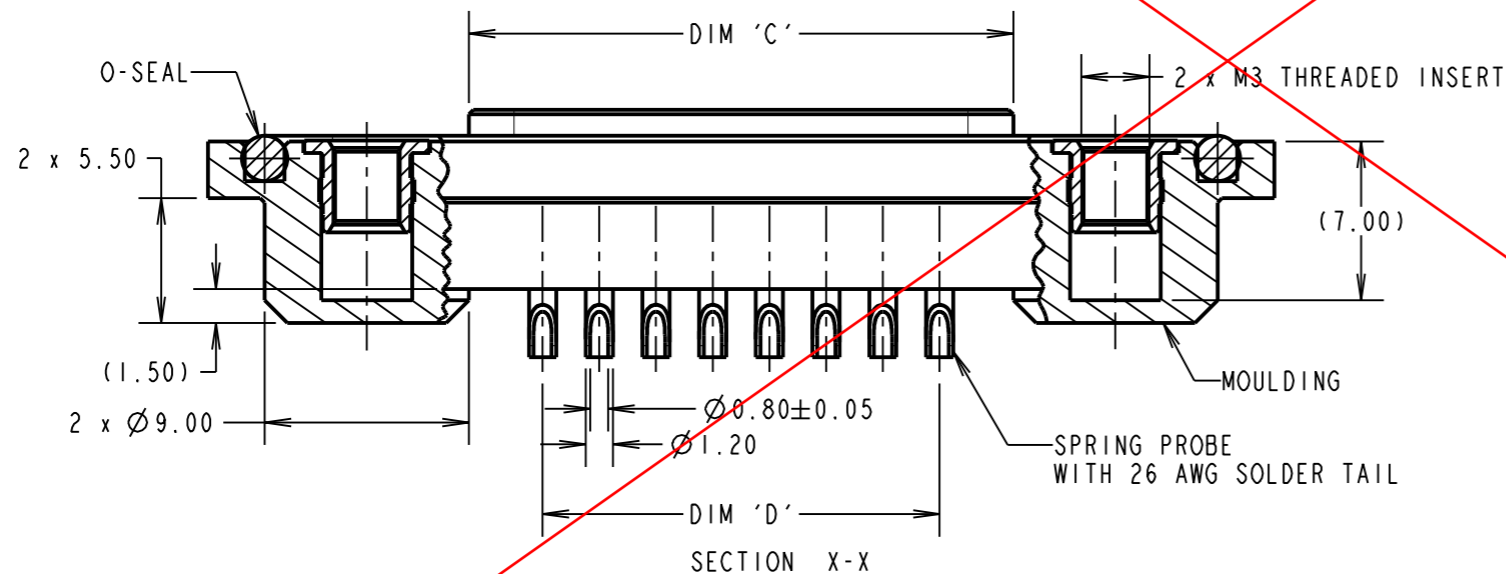
ALL DIMENSIONS IN mm



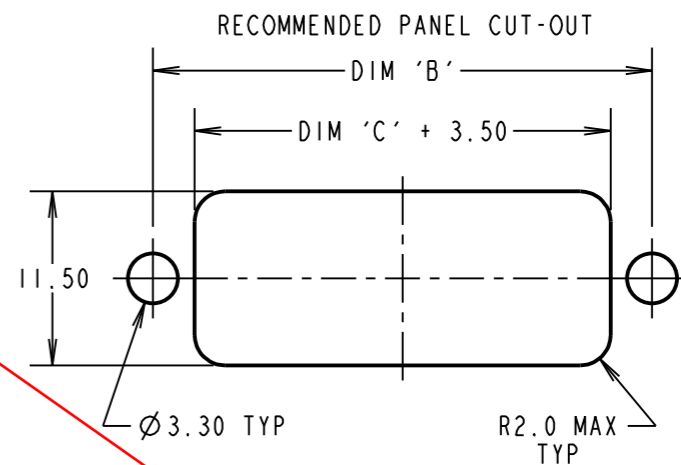
SECTION Y-Y



OBSOLETE



SECTION X-X



SPECIFICATION:

MATERIAL:
 O-SEAL: THERMOPLASTIC ELASTOMER, 35 SHORE A
 MOULDING: 30% GLASS FILLED POLYAMIDE 46, UL94V-0, BLACK
 SPRING PROBE BODY + PISTON: BRASS
 SPRING: STEEL
 THREADED INSERT: BRASS
FINISH:
 SPRING PROBE:
 BODY + PISTON = GOLD OVER NICKEL
 SPRING = ZINC
ELECTRICAL:
 CONTACT RATING: 1A
 WORKING VOLTAGE: 240V DC
 CONTACT RESISTANCE: 50 MILLIOHMS
 INSULATION RESISTANCE: 1000 MEGOHMS MIN AT 500V DC
ENVIRONMENTAL:
 OPERATING TEMPERATURE: -40°C TO +100°C

NOTES:

- DRAWING SHOWS 16-WAY CONNECTOR.
- RECOMMENDED BULKHEAD MOUNTING THICKNESS: 1.50mm.
- RECOMMENDED MOUNTING SCREWS: M3x6 CSK.
- SUITABLE FOR 26 AWG CABLE
- 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 ±0.1mm TO ALLOW FOR PANEL THICKNESS.

PART No.	No. OF WAYS	DIMENSION			
		A	B	C	D
M90-6020845	8 WAY	37.0	23.00	14.00	7.50
M90-6021245	12 WAY	42.0	28.00	19.00	12.50
M90-6021645	16 WAY	47.0	33.00	24.00	17.50

MSP	7	21.04.15	12843
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.G.PLESTED	
DRAWN:		S.FLOWER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 X. = ±1mm
 X.X = ±0.50mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL:
 SEE SPECIFICATION
FINISH:
 S/AREA: mm²

TITLE:
 SPRING PROBE ASSEMBLY WITH 26 AWG SOLDER TAILS

DRAWING NUMBER:
 M90-602XX45

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