

Customer Information Sheet

DRAWING No.: M90-602XX45

SHEET 2 OF 2

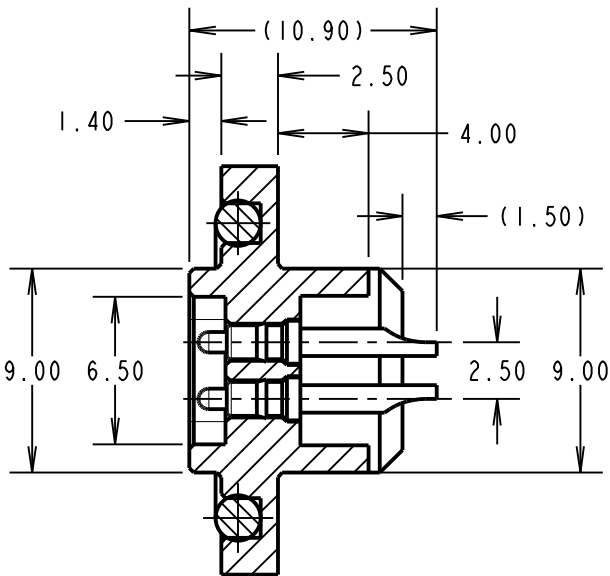
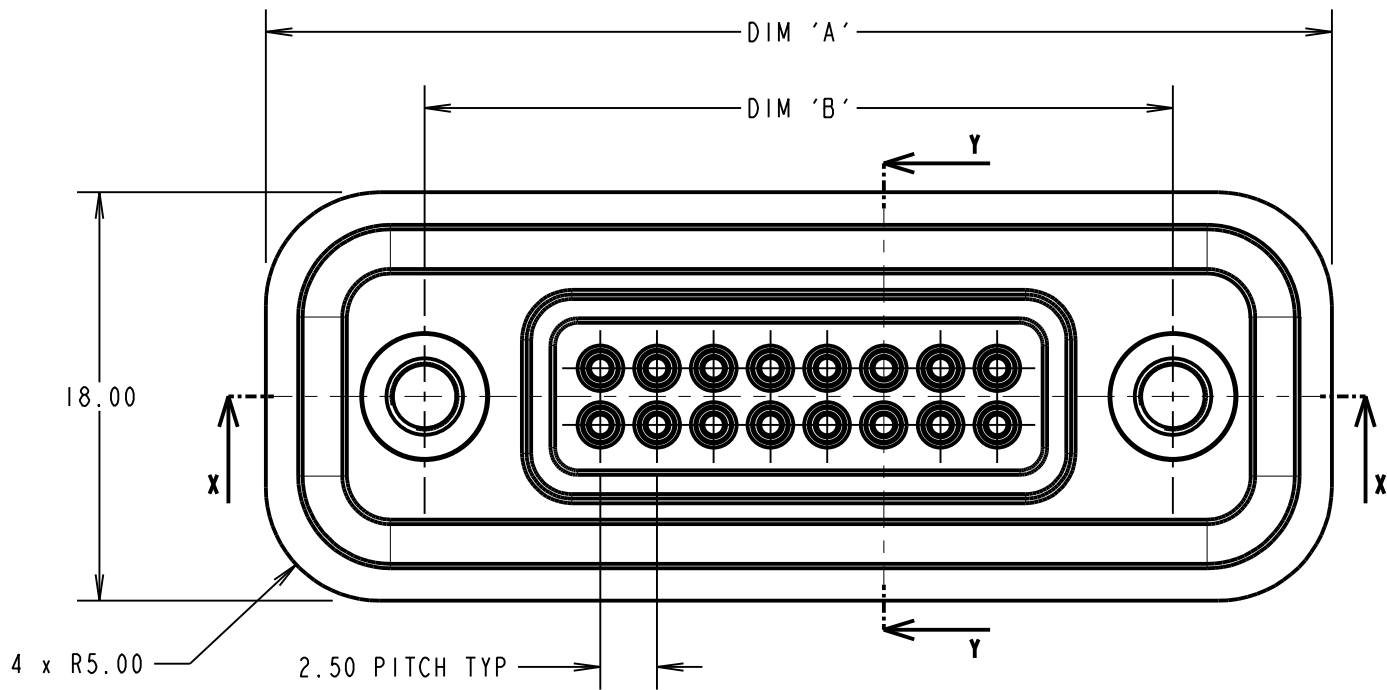
IF IN DOUBT - ASK

©

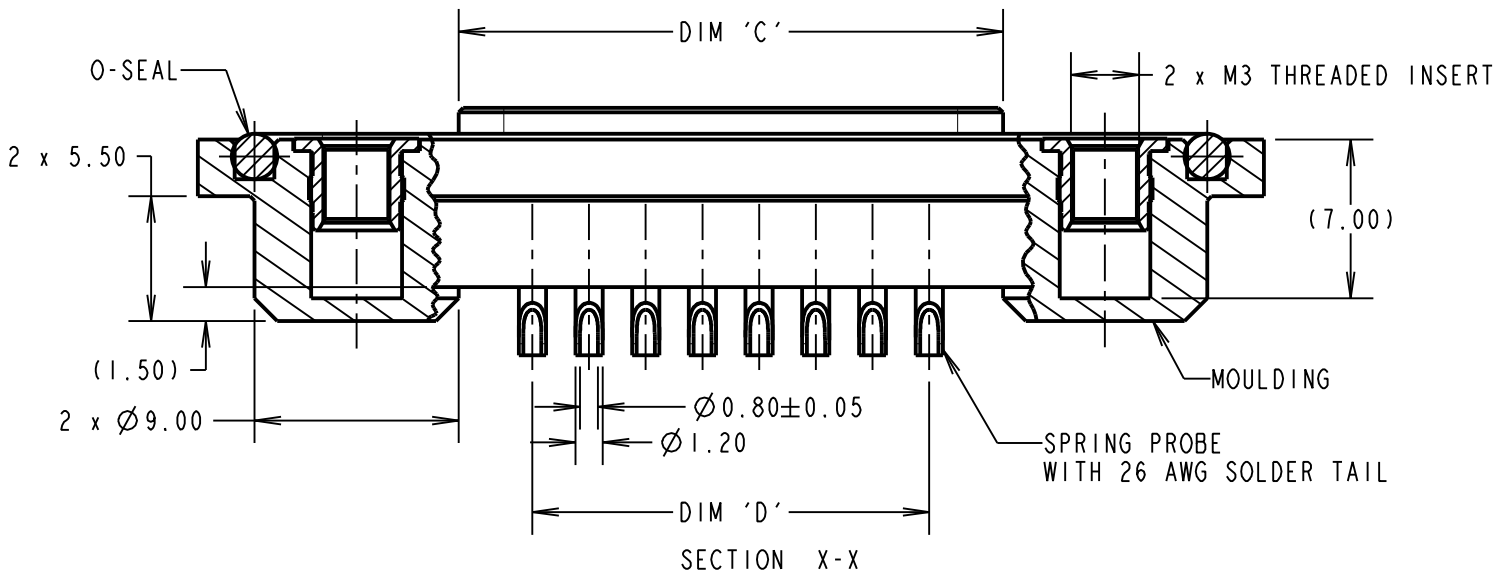
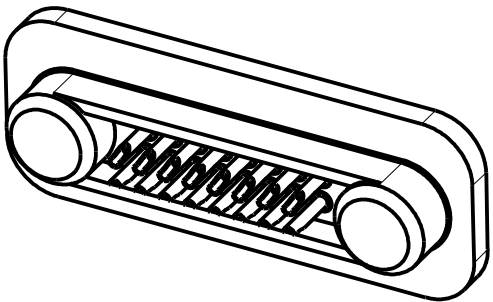
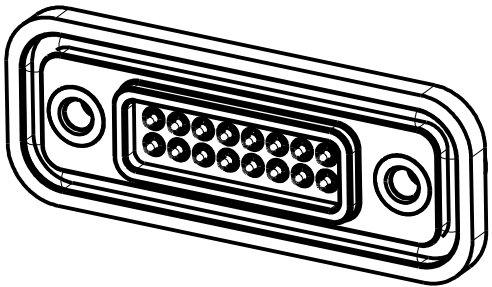
NOT TO SCALE

THIRD ANGLE PROJECTION

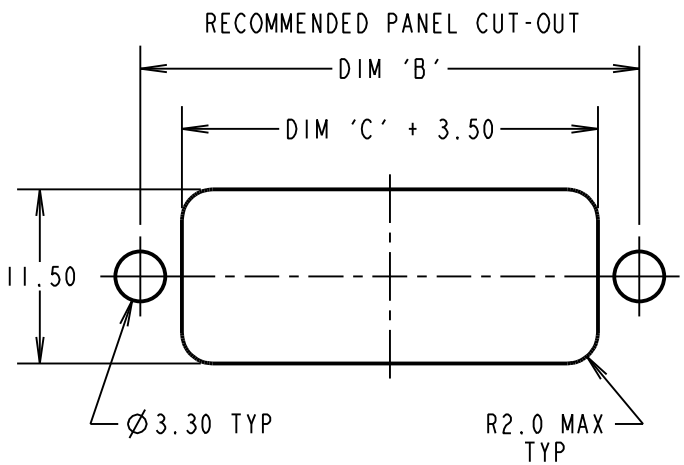
ALL DIMENSIONS IN mm



SECTION Y-Y



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.

HARWIN

www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN
GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

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

SHT
2 OF 2

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:			

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