

Customer Information Sheet

DRAWING No.: M90-601XX45

SHEET 2 OF 2

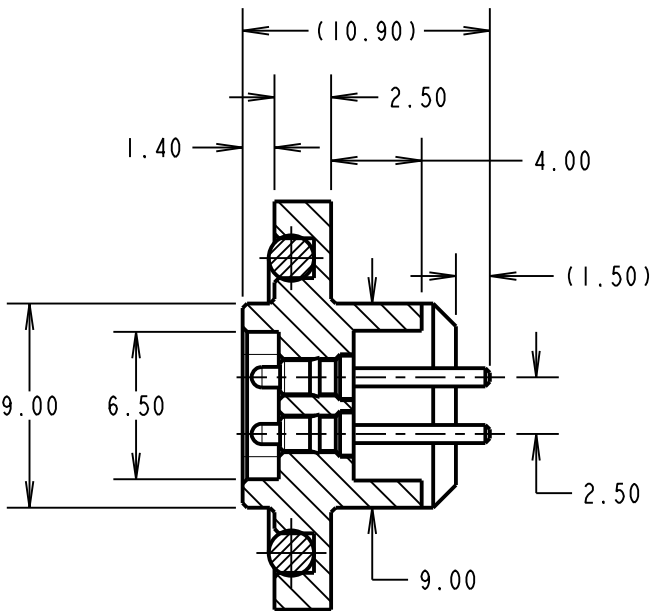
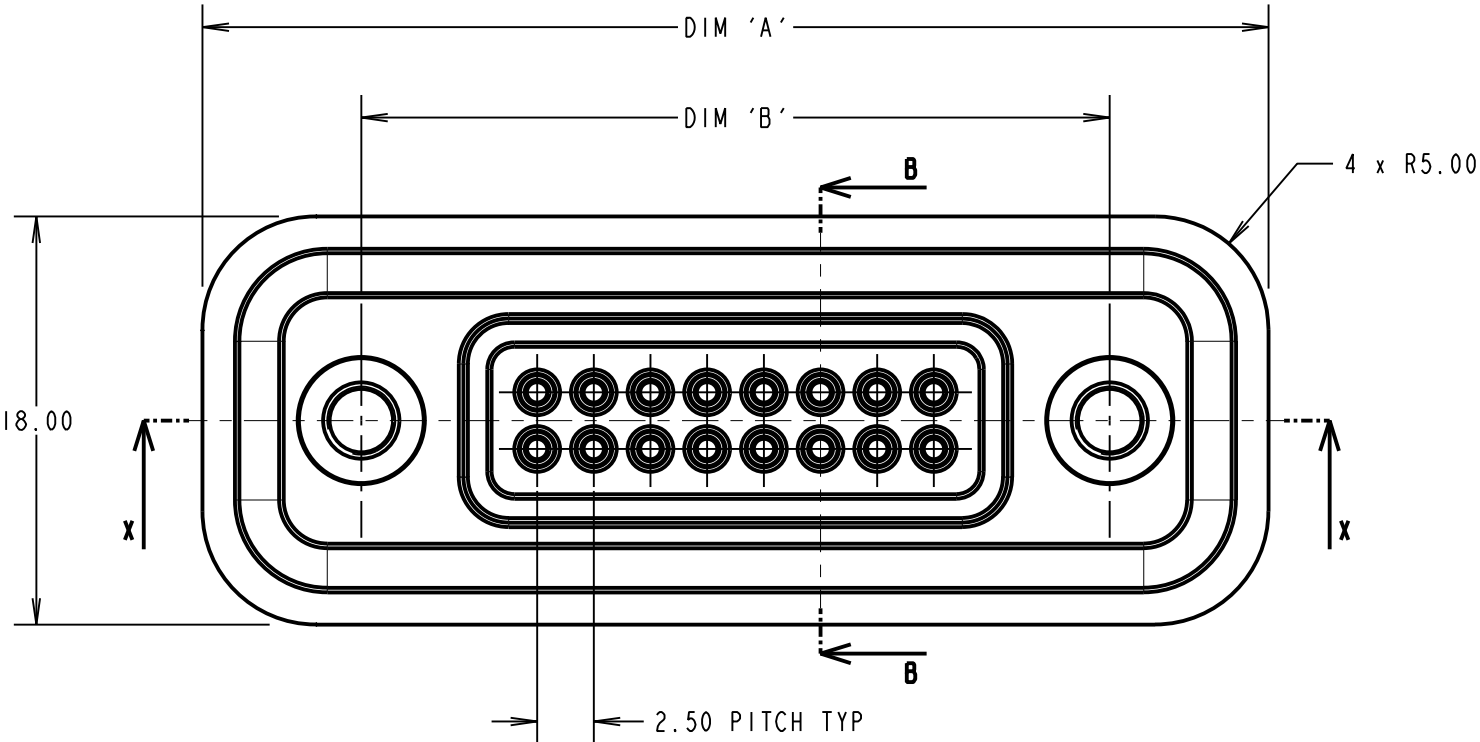
IF IN DOUBT - ASK

C

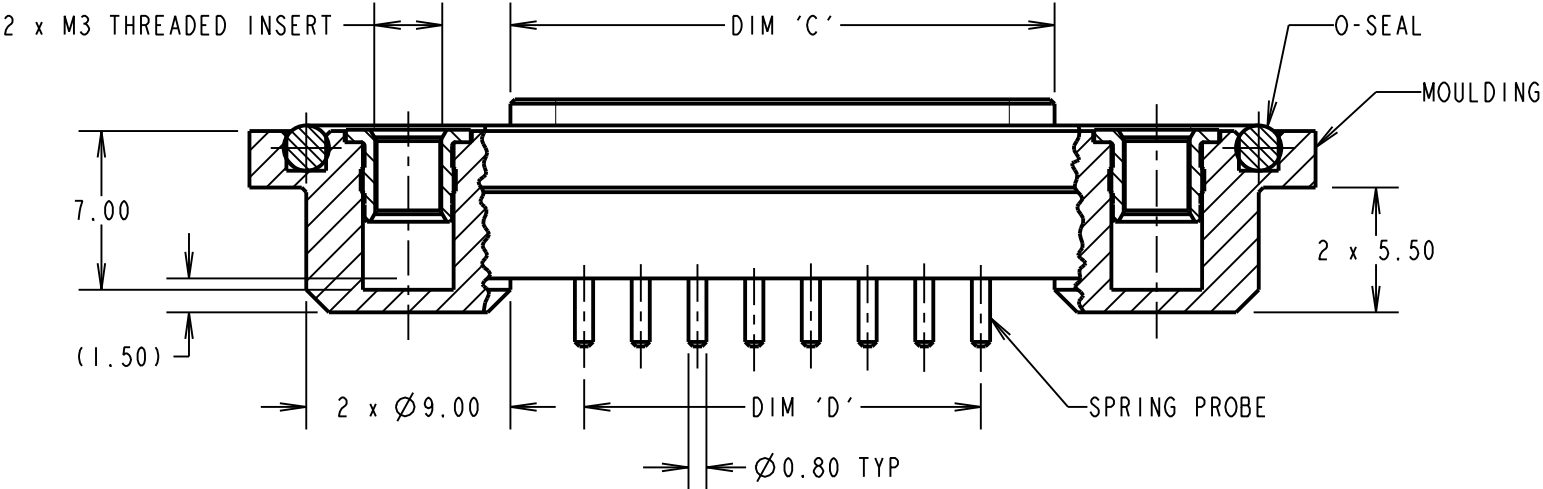
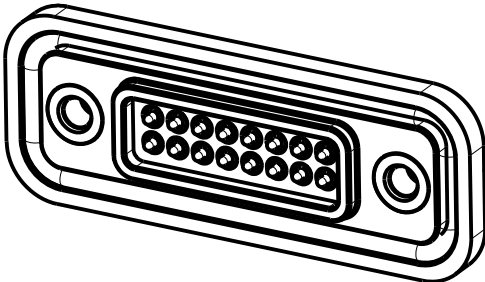
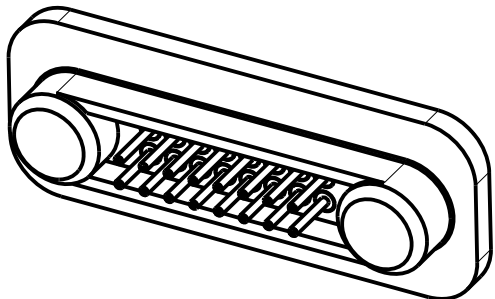
NOT TO SCALE

THIRD ANGLE PROJECTION

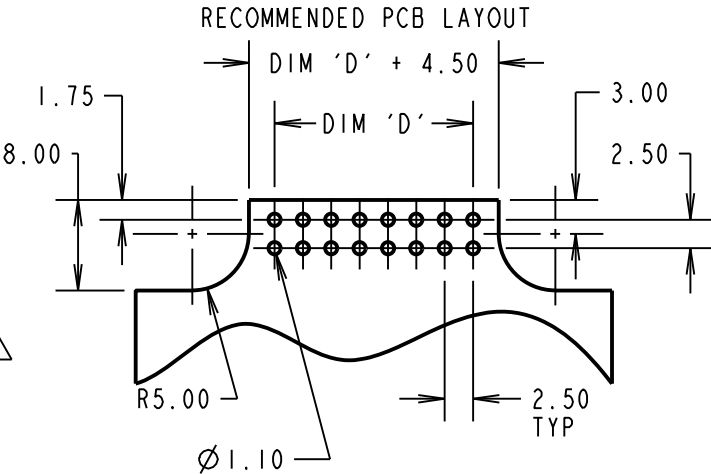
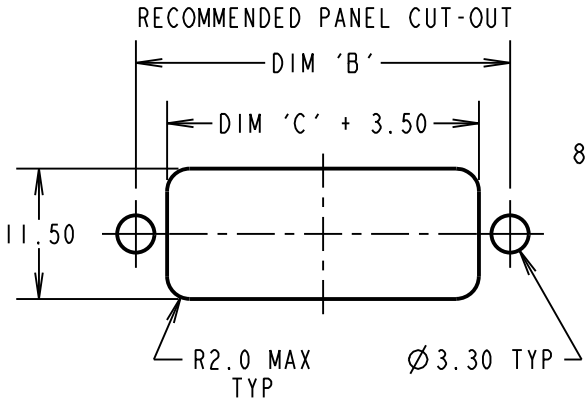
ALL DIMENSIONS IN mm



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:**
1. DRAWING SHOWS 16-WAY CONNECTOR.
 2. RECOMMENDED BULKHEAD MOUNTING THICKNESS: 1.50mm.
 3. RECOMMENDED MOUNTING SCREWS: M3x6 CSK.
 4. MAXIMUM TORQUE FOR M3 x 6mm CSK MOUNTING SCREWS = 80cNM WHEN CONNECTOR IS MOUNTED TO PANEL WITH DIAMETER 3.3 MAX FIXING HOLES.
 5. 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
M90-6010845	8 WAY	37.00	23.00	14.00	7.50
M90-6011245	12 WAY	42.00	28.00	19.00	12.50
M90-6011645	16 WAY	47.00	33.00	24.00	17.50

SB	7	01.09.11	11447
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.G.PLESTED			
DRAWN: N. CODLING			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:
SEE SPECIFICATION

FINISH:

S/AREA: mm²

TITLE:
SPRING PROBE ASSEMBLY

DRAWING NUMBER:
M90-601XX45

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[M90-6010845](#) [M90-6011245](#) [M90-6011645](#)