

Customer Information Sheet

DRAWING No.: M90-701XX45

SHEET 2 OF 2

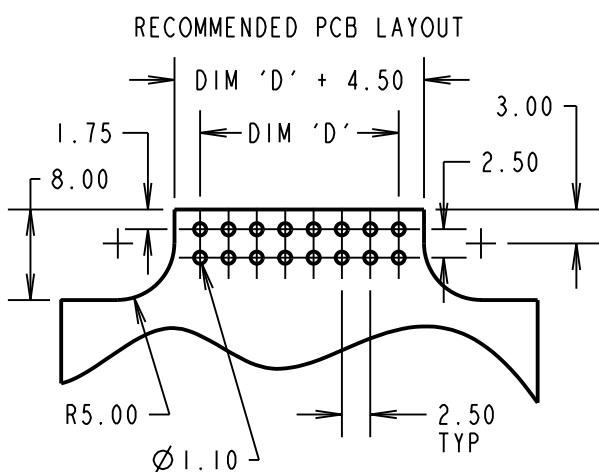
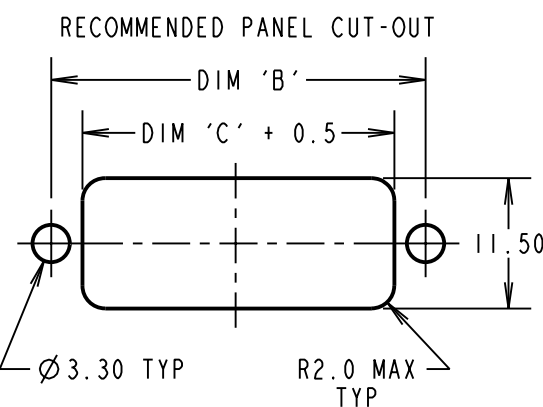
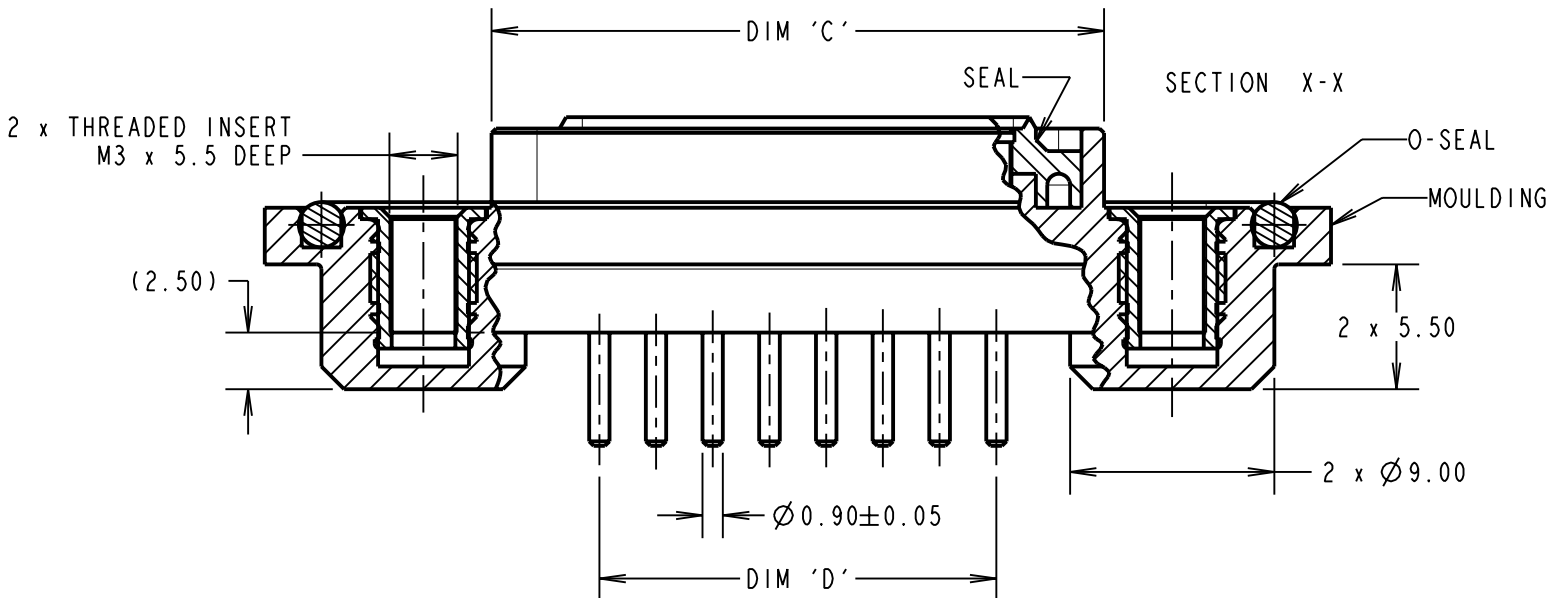
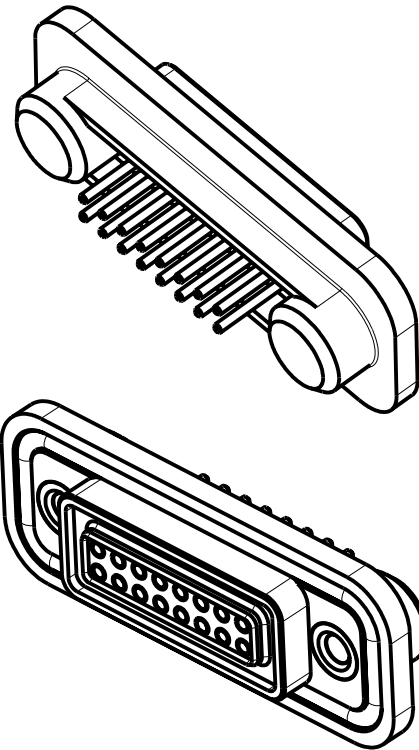
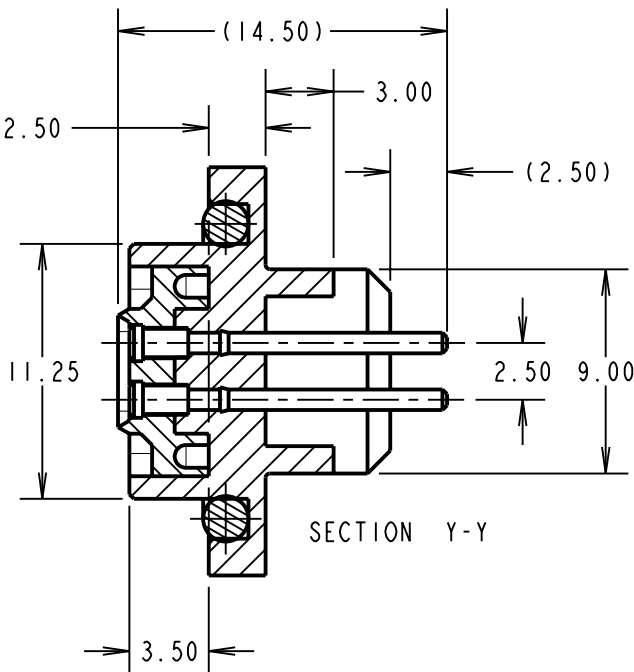
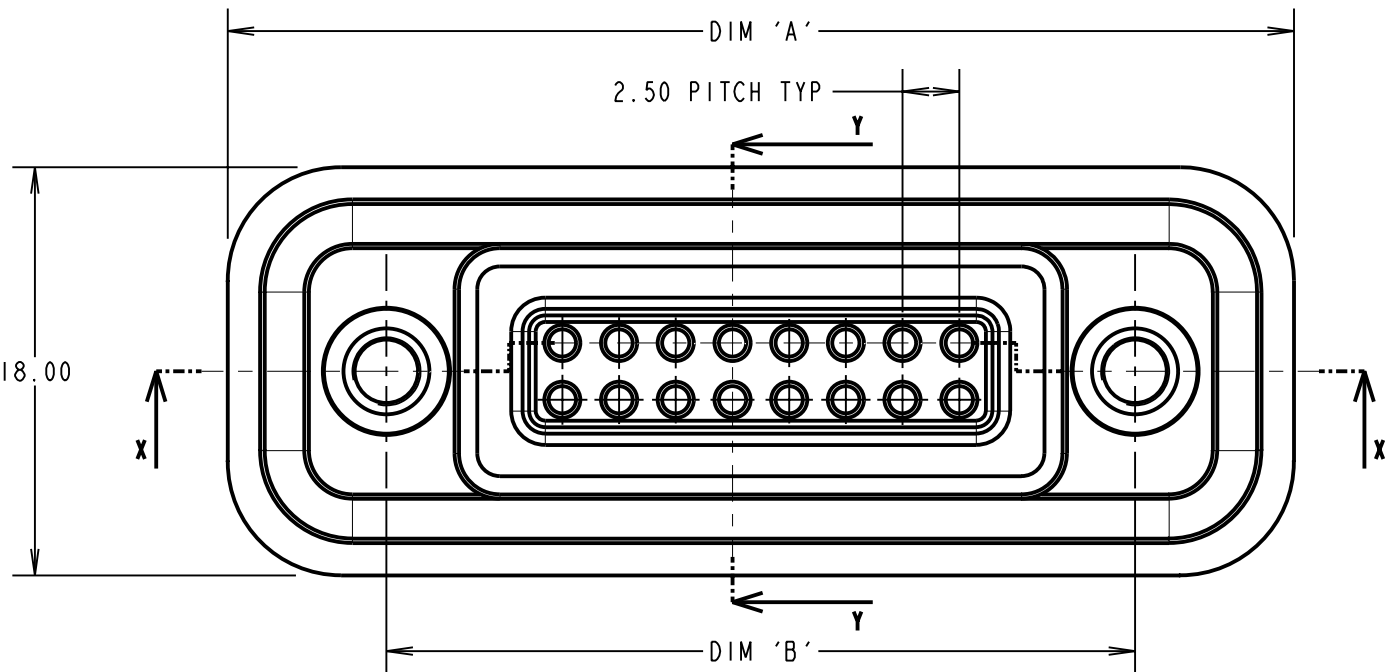
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:
MATERIAL:
SEAL: THERMOPLASTIC ELASTOMER, 35 SHORE A, BLACK
O-SEAL: THERMOPLASTIC ELASTOMER, 35 SHORE A, BLACK
MOULDING: 30% GLASS FILLED POLYAMIDE 46, UL94V-0, BLACK
CONTACT: BRASS
THREADED INSERT: BRASS
FINISH:
CONTACT: GOLD OVER NICKEL
ELECTRICAL:
CONTACT RATING: 1A
WORKING VOLTAGE: 240V DC
CONTACT RESISTANCE: 10 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: M3 x 6 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 SPRING CONNECTOR, MOUNTING FLANGES WILL HAVE A GAP OF 3.5mm ±0.10mm TO ALLOW FOR PANEL THICKNESS.

PART No.	No. OF WAYS	DIMENSION			
		A	B	C	D
M90-7010845	8 WAY	37.00	23.00	17.00	7.50
M90-7011245	12 WAY	42.00	28.00	22.00	12.50
M90-7011645	16 WAY	47.00	33.00	27.00	17.50

SB	7	19.04.11	11241
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
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:
FIXED CONTACT ASSEMBLY
DRAWING NUMBER:
M90-701XX45
SHT
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