

Customer Information Sheet

DRAWING No.: M90-704XX45

SHEET 2 OF 2

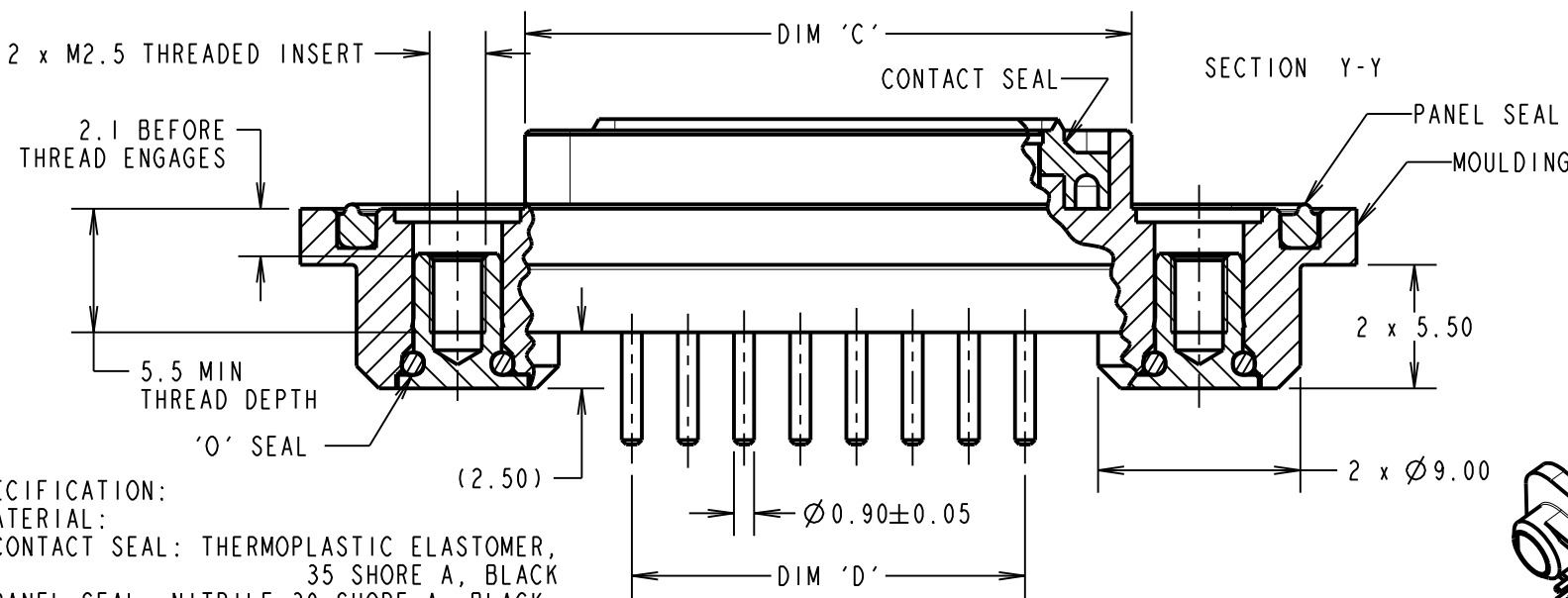
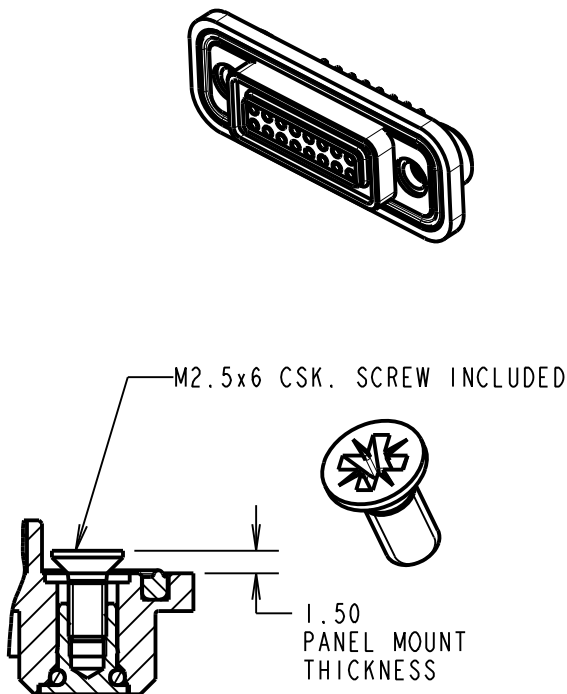
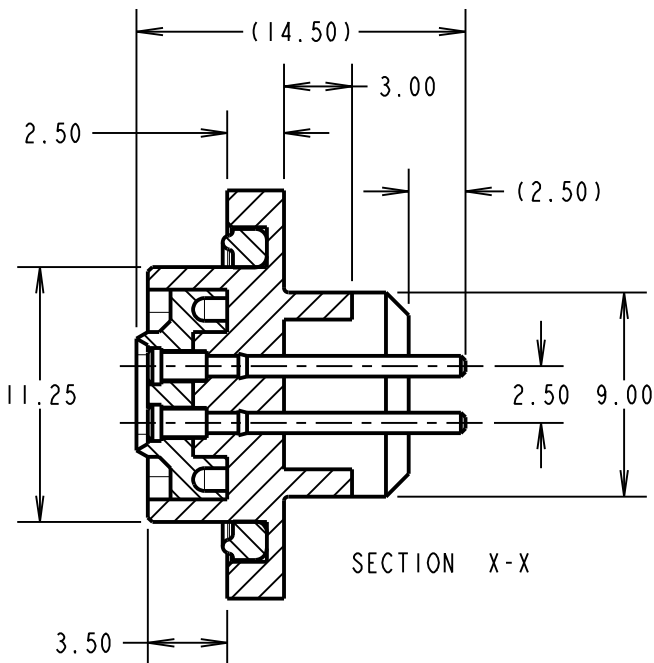
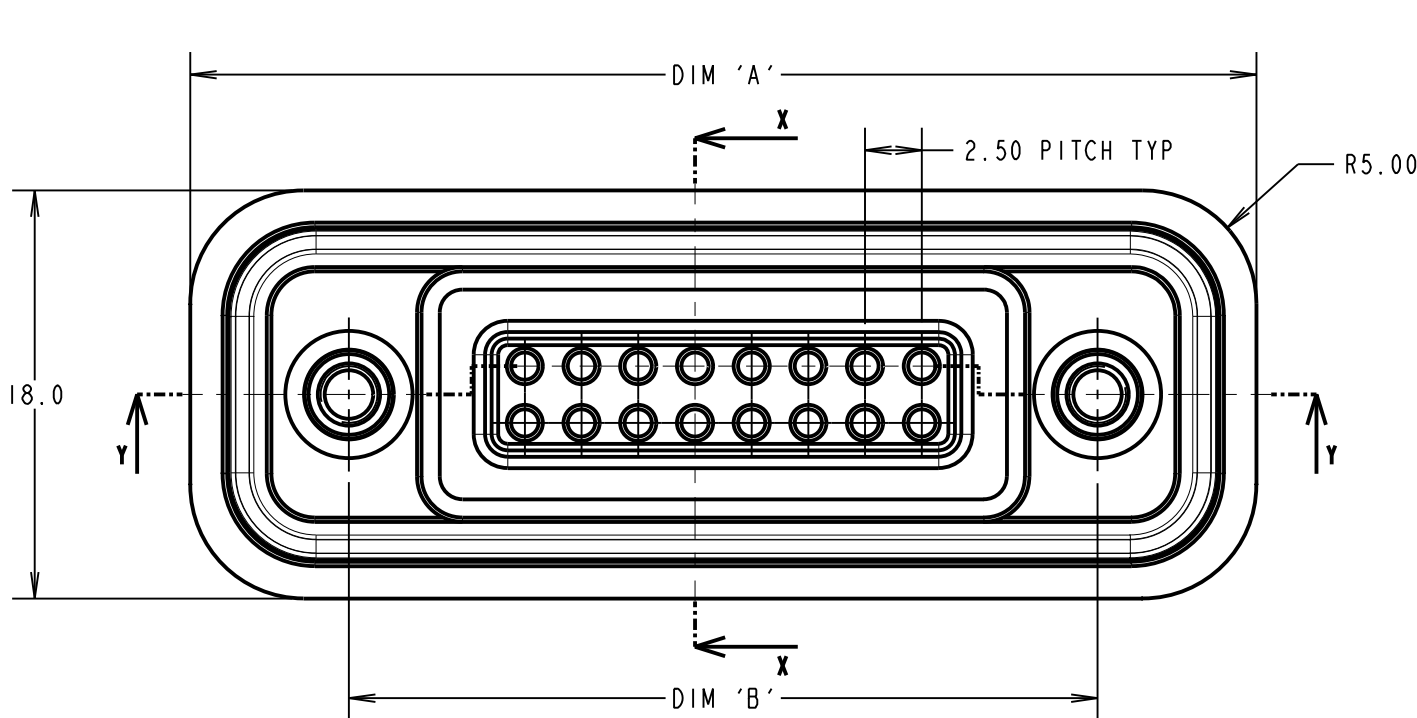
IF IN DOUBT - ASK

(C)

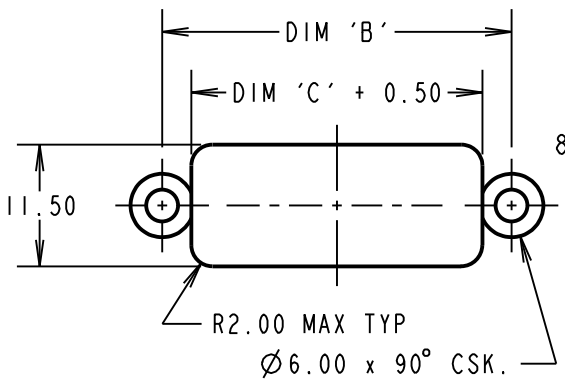
NOT TO SCALE

THIRD ANGLE PROJECTION

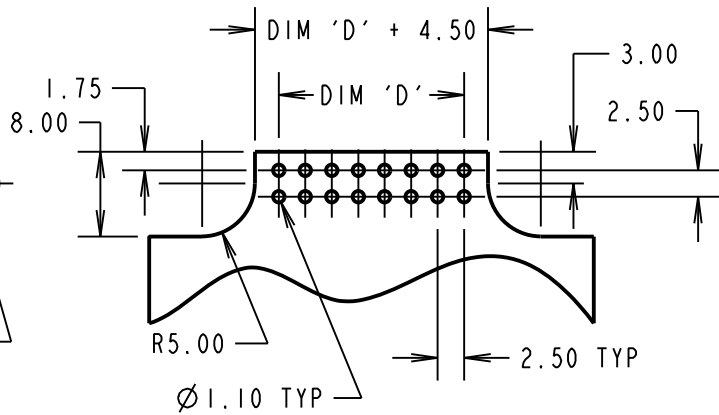
ALL DIMENSIONS IN mm



RECOMMENDED PANEL CUT-OUT



RECOMMENDED PCB LAYOUT



SPECIFICATION:
MATERIAL:
CONTACT SEAL: THERMOPLASTIC ELASTOMER, 35 SHORE A, BLACK
PANEL SEAL: NITRILE 30 SHORE A, BLACK
O-SEAL: NITRILE 60/70 SHORE A, BLACK
MOULDING: 30% GLASS FILLED POLYAMIDE 46, UL94V-0, BLACK
CONTACT: BRASS
THREADED INSERT AND SCREW: STAINLESS STEEL
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
ENVIRONMENTAL SEAL: IP68 AT 1.5M FOR 2 HOURS

- NOTES:**
- DRAWING SHOWS 16-WAY CONNECTOR.
 - RECOMMENDED BULKHEAD MOUNTING THICKNESS: 1.50mm.
 - RECOMMENDED MOUNTING SCREWS: M2.5 x 6 CSK
 - WHEN FULLY MATED WITH SPRING CONNECTOR, MOUNTING FLANGES WILL HAVE A GAP OF 3.5mm ±0.10mm TO ALLOW FOR PANEL THICKNESS.

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PART No.	No. OF WAYS	DIMENSION			
		A	B	C	D
M90-7040845	8 WAY	37.0	23.00	17.00	7.50
M90-7041245	12 WAY	42.0	28.00	22.00	12.50
M90-7041645	16 WAY	47.0	33.00	27.00	17.50

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:
M90-704XX45
SHT
2 OF 2

MGP	1	26.10.11	11518
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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