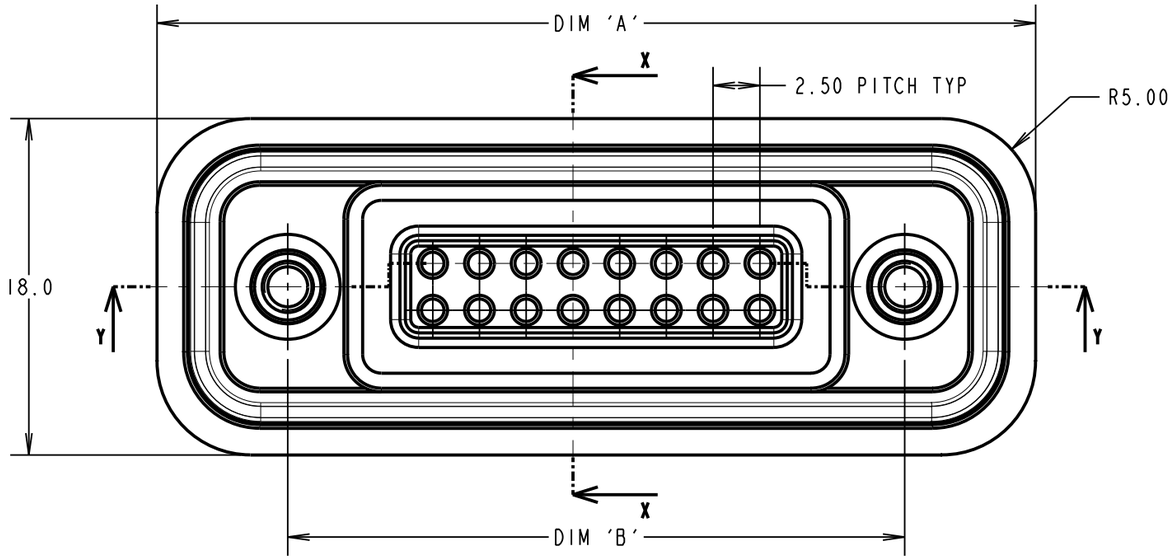
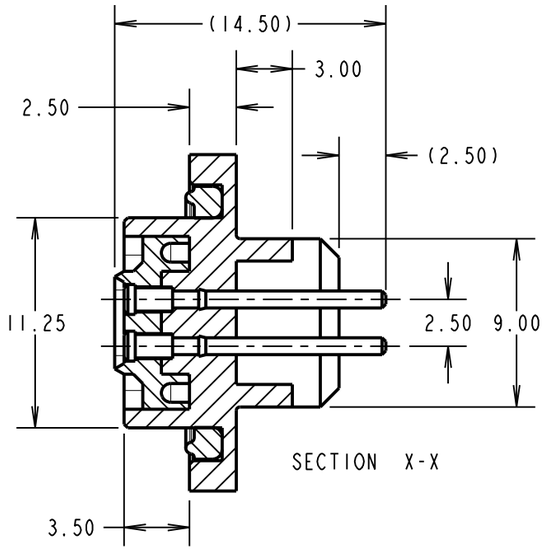
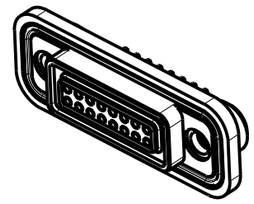
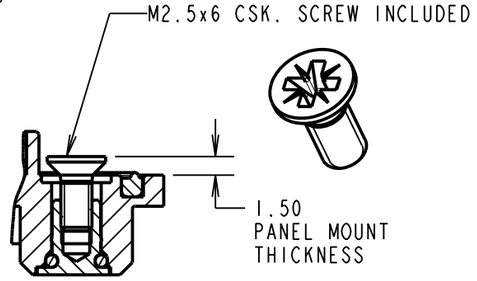
Customer Information Sheet

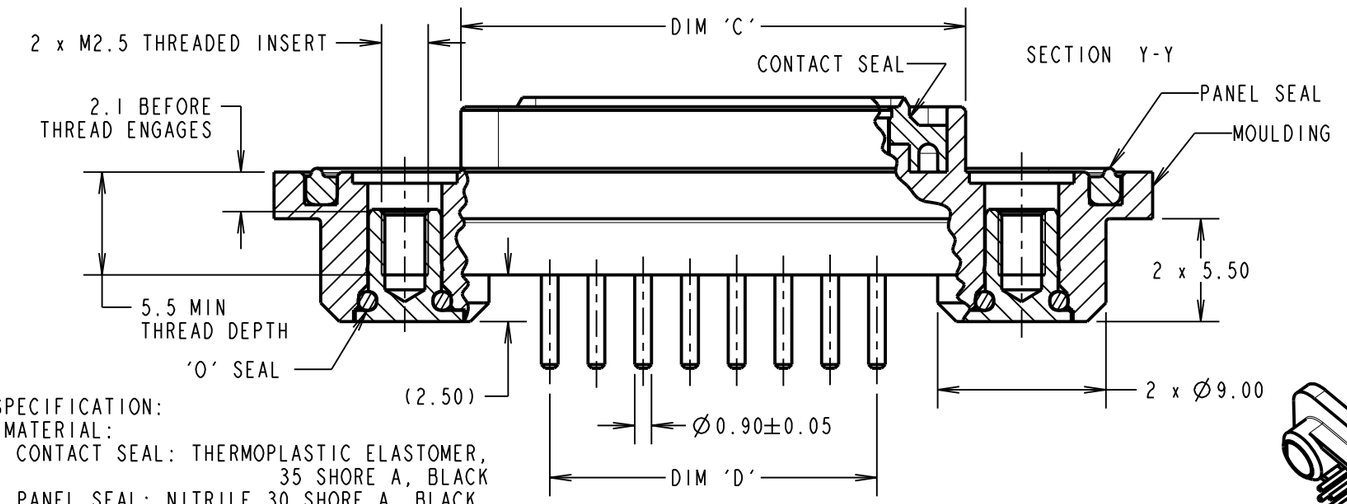
DRAWING No.: M90-704XX45	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm



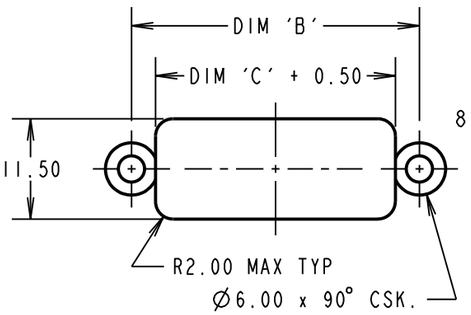




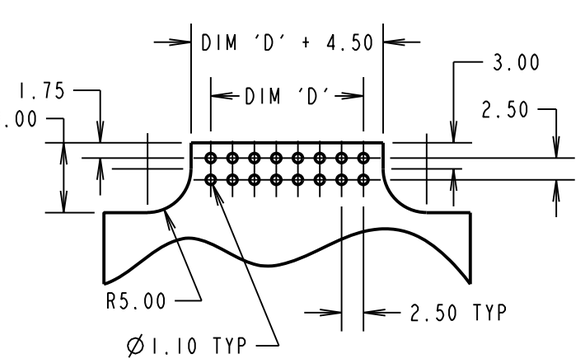


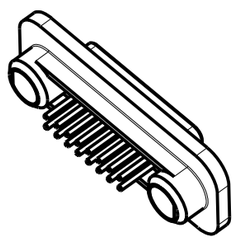


RECOMMENDED PANEL CUT-OUT



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:
1. DRAWING SHOWS 16-WAY CONNECTOR.
2. RECOMMENDED BULKHEAD MOUNTING THICKNESS: 1.50mm.
3. RECOMMENDED MOUNTING SCREWS: M2.5 x 6 CSK
4. 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
M90-7040845	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

MGP	1	26.10.11	11518
NAME	ISS.	DATE	C/NOTE

APPROVED: MGP
CHECKED: SB
DRAWN: MARK G PLESTED
CUSTOMER REF.:
ASSEMBLY DRG:

HARWIN
www.harwin.com
technical@harwin.com

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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: M90-704XX45
SHT 2 OF 2