

Customer Information Sheet

DRAWING No.: M90-701XX45

SHEET 2 OF 2

IF IN DOUBT - ASK

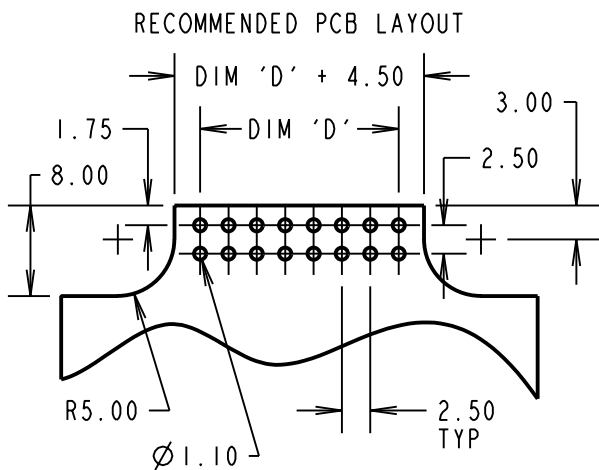
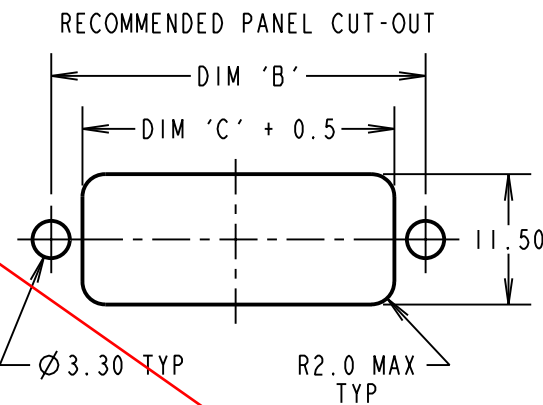
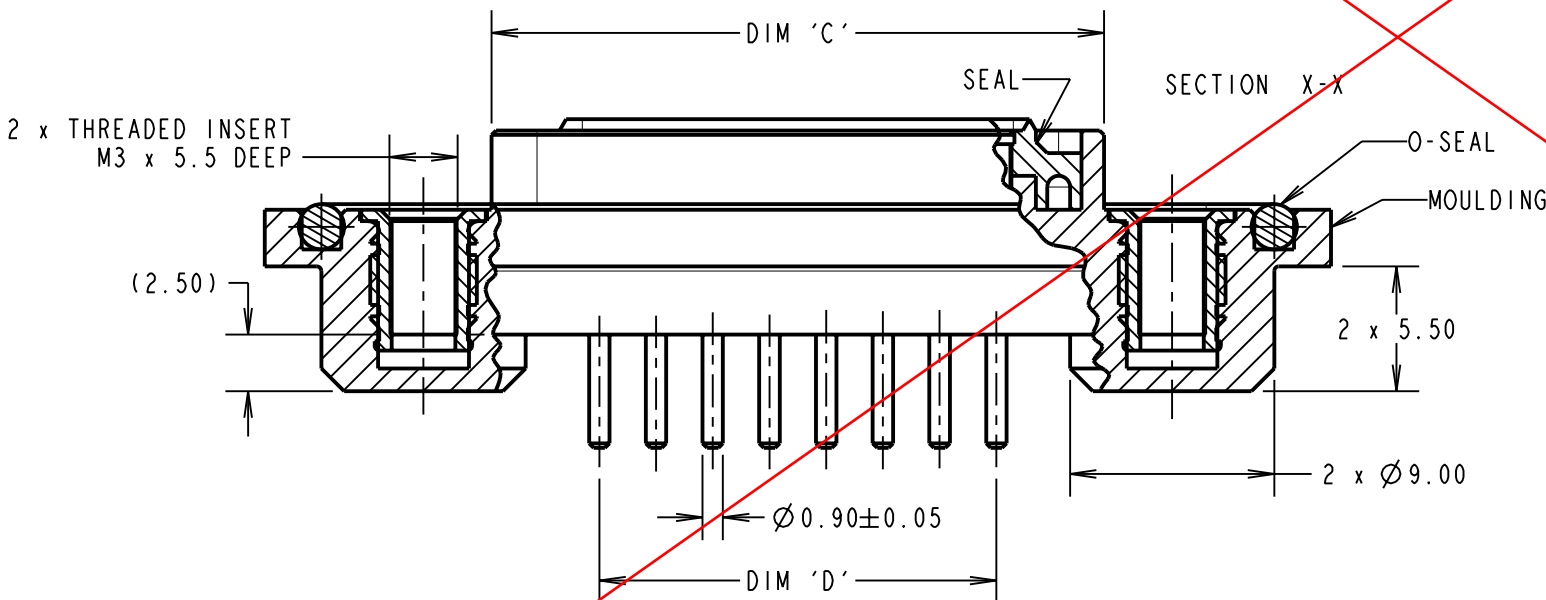
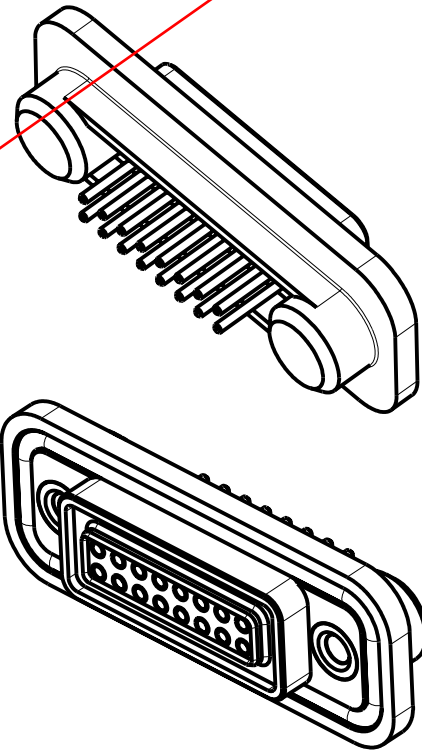
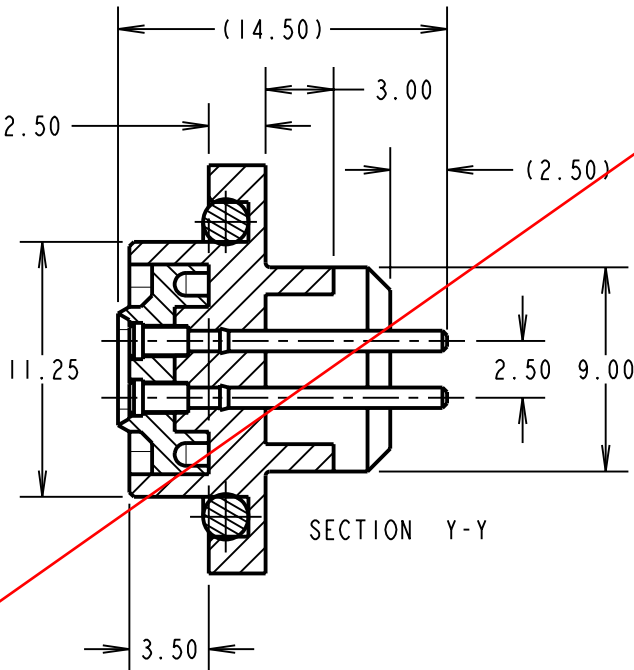
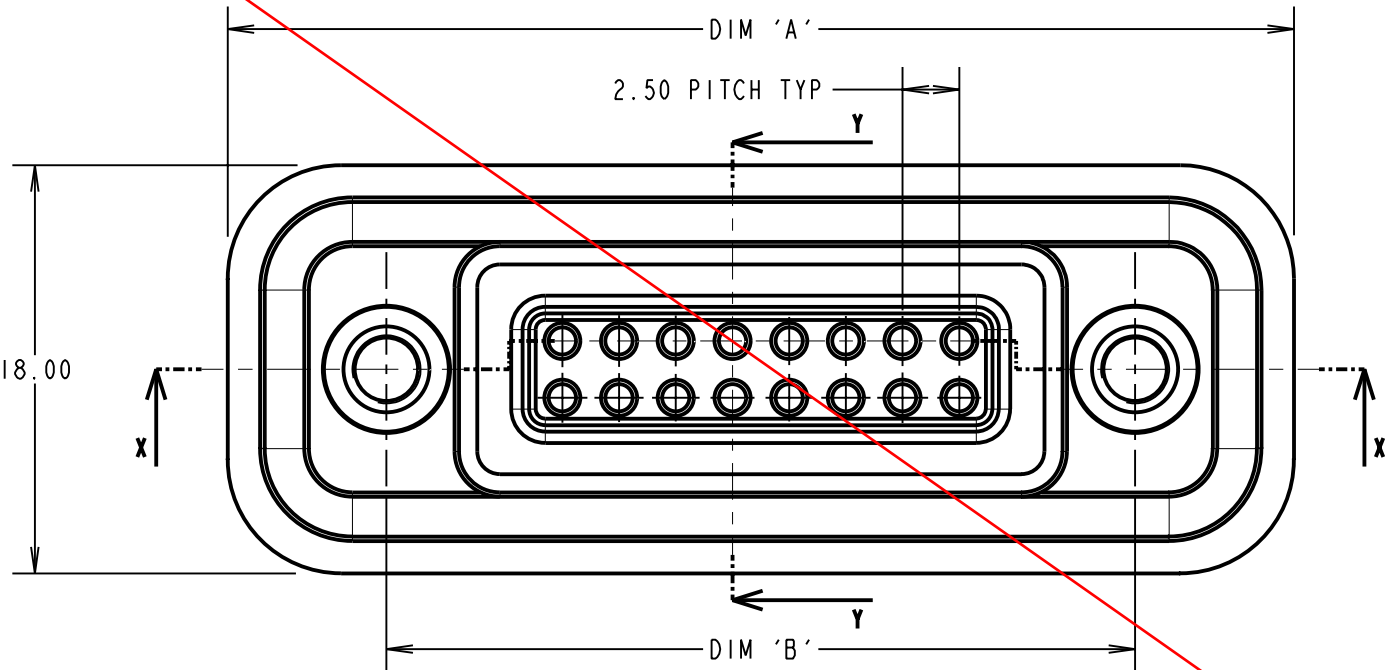
©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

OBSOLETE



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:**
- DRAWING SHOWS 16-WAY CONNECTOR.
 - RECOMMENDED BULKHEAD MOUNTING THICKNESS: 1.50mm.
 - RECOMMENDED MOUNTING SCREWS: M3 x 6 CSK
 - 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 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		
HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg

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 = ±0.25mm
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
2 OF 2