

Customer Information Sheet

DRAWING No.: M90-604XX45

SHEET 2 OF 2

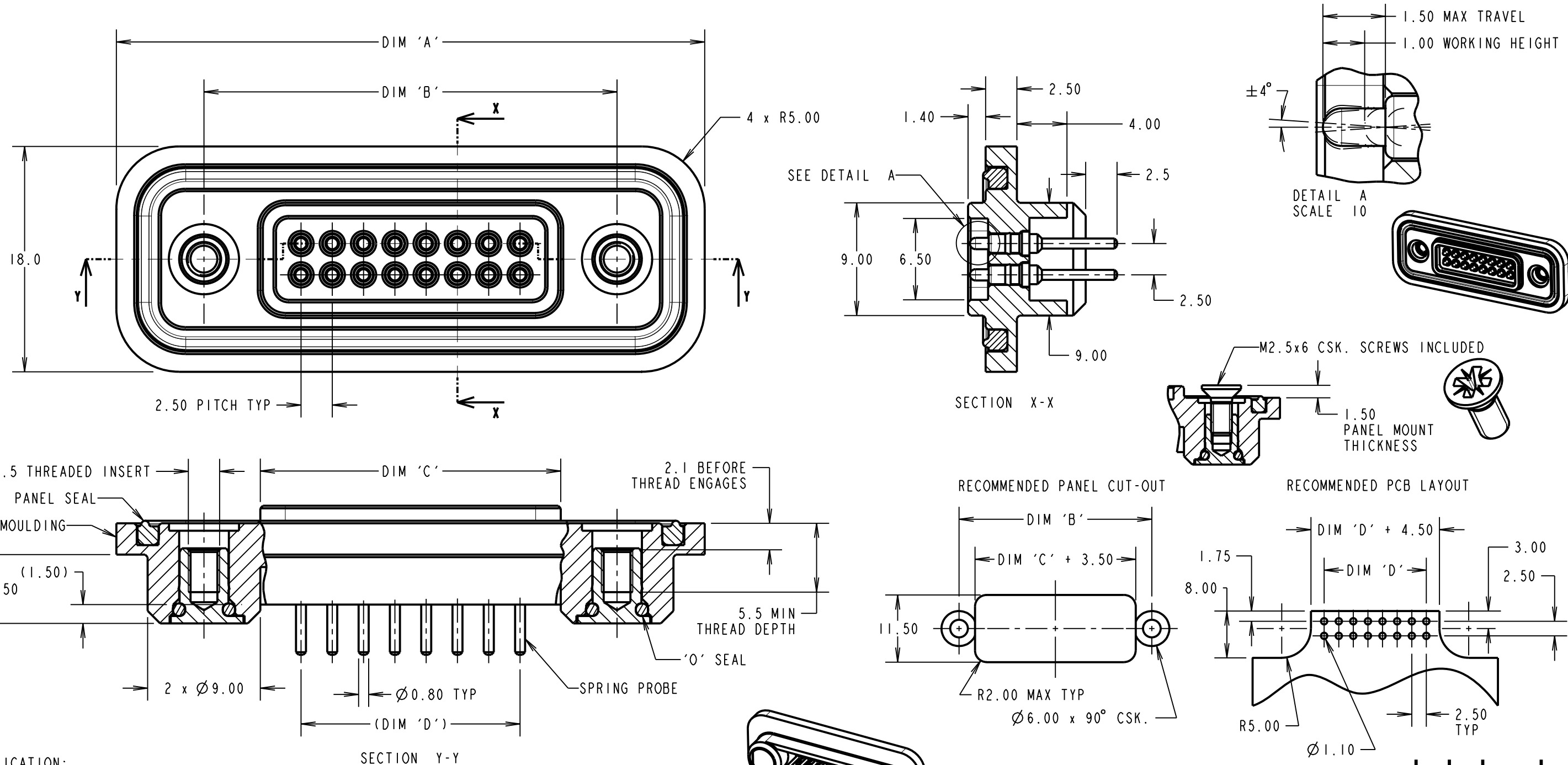
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:

MATERIAL:
 PANEL SEAL: BLACK NITRILE, 30 SHORE A
 O-SEAL: NITRILE, 60/70 SHORE A
 MOULDING: 30% GLASS FILLED POLYAMIDE 46
SPRING PROBE:
 BODY AND PISTON = BRASS
 SPRING = STAINLESS STEEL
 THREADED INSERT AND SCREW: STAINLESS STEEL
FINISH:
 SPRING PROBE: GOLD
ELECTRICAL:
 CURRENT RATING: 1A
 WORKING VOLTAGE: 240V DC
 CONTACT RESISTANCE: 30 MILLIOHMS MAX.
 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: M2.5x6 CSK.
- 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
M90-6040845	8 WAY	37.0	23.00	14.00	7.50
M90-6041245	12 WAY	42.0	28.00	19.00	12.50
M90-6041645	16 WAY	47.0	33.00	24.00	17.50

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

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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 LONG TAIL

DRAWING NUMBER: M90-604XX45

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