

Customer Information Sheet

DRAWING No.: M90-605XX45

SHEET 2 OF 2

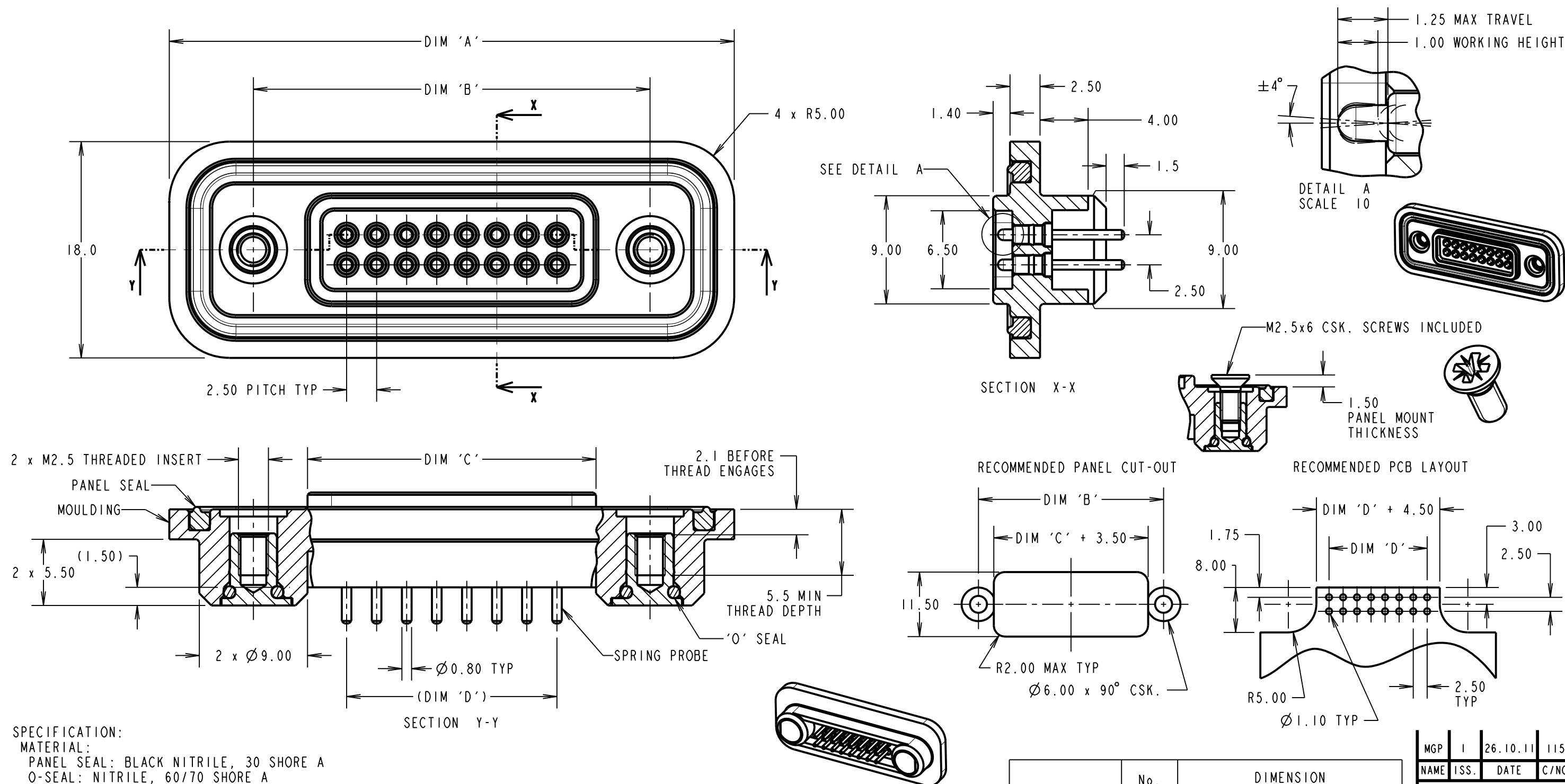
IF IN DOUBT - ASK

(C)

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 - $+100^\circ\text{C}$
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 $3.5\text{mm} \pm 0.1\text{mm}$ TO ALLOW FOR PANEL THICKNESS.

HARWIN

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TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:
SEE SPECIFICATION
FINISH:
S/AREA: mm²

TITLE:
SPRING PROBE ASSEMBLY
SHORT TAIL

DRAWING NUMBER:
M90-605XX45

SHT
2 OF 2

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

PART No.	No. OF WAYS	DIMENSION			
		A	B	C	D
M90-6050845	8 WAY	37.0	23.00	14.00	7.50
M90-6051245	12 WAY	42.0	28.00	19.00	12.50
M90-6051645	16 WAY	47.0	33.00	24.00	17.50

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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