

Customer Information Sheet

DRAWING No.: M80-942XXXX

SHEET 2 OF 2

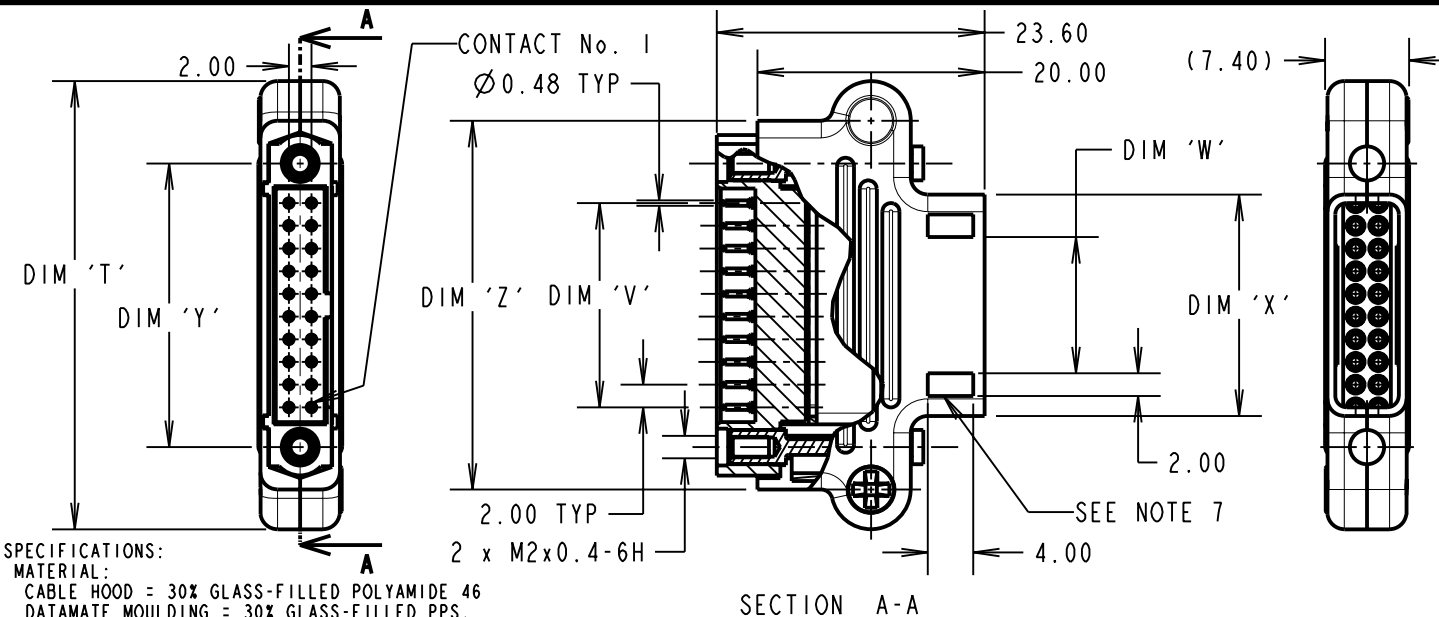
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M80-942XXXX

TOTAL No. OF CONTACTS

06, 10, 12, 14, 20
26, 34, 42, 50

FINISH

05 - GOLD
46 - 100% TIN

NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS, CABLE HOOD SET, AND CABLE HOOD FIXING SCREWS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-1950005 FOR M80-942XX05 AND M80-1950006 FOR M80-942XX46.
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER Z80-193.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
- INSTRUCTION SHEETS ARE AVAILABLE.
- NO CABLE TIE SLOTS ON M80-94206XX AND M80-94210XX.

SPECIFICATIONS:

MATERIAL:
CABLE HOOD = 30% GLASS-FILLED POLYAMIDE 46
DATAMATE MOULDING = 30% GLASS-FILLED PPS,
UL94V-0, BLACK

CONTACT = BRASS
JACKSCREW = STAINLESS STEEL
CABLE HOOD FIXING SCREW = MILD STEEL

FINISH:

CONTACT:
05 = 0.25-0.3µ GOLD
46 = 3.5-5.0µ 100% TIN
CABLE HOOD FIXING SCREW = CHEMI-BLACK

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE = 25 mΩ MAX
INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

LOOSE

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)

PART NUMBER	No. OF CONTACTS	PART DIMENSIONS					
		DIM 'T'	DIM 'V'	DIM 'W'	DIM 'X'	DIM 'Y'	DIM 'Z'
M80-94206XX	6	25.50	4.00	N/A	5.50	11.00	18.50
M80-94210XX	10	29.50	8.00	2.00	9.50	15.00	22.50
M80-94212XX	12	31.50	10.00	4.00	11.50	17.00	24.50
M80-94214XX	14	33.50	12.00	6.00	13.50	19.00	26.50
M80-94220XX	20	39.50	18.00	12.00	19.50	25.00	32.50
M80-94226XX	26	45.50	24.00	18.00	22.50	31.00	38.50
M80-94234XX	34	53.50	32.00	26.00	33.50	39.00	46.50
M80-94242XX	42	61.50	40.00	34.00	41.50	47.00	54.50
M80-94250XX	50	69.50	48.00	42.00	49.50	55.00	62.50

CP	3	12.11.09	10555
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
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
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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 ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

JACKSCREW DATAMATE DIL CRIMP
(SMALL BORE) MALE ASSY
WITH CABLE HOOD KIT

DRAWING NUMBER:

M80-942XXXXSHT
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