

Customer Information Sheet

DRAWING No.: M80-940XXXX

SHEET 2 OF 2

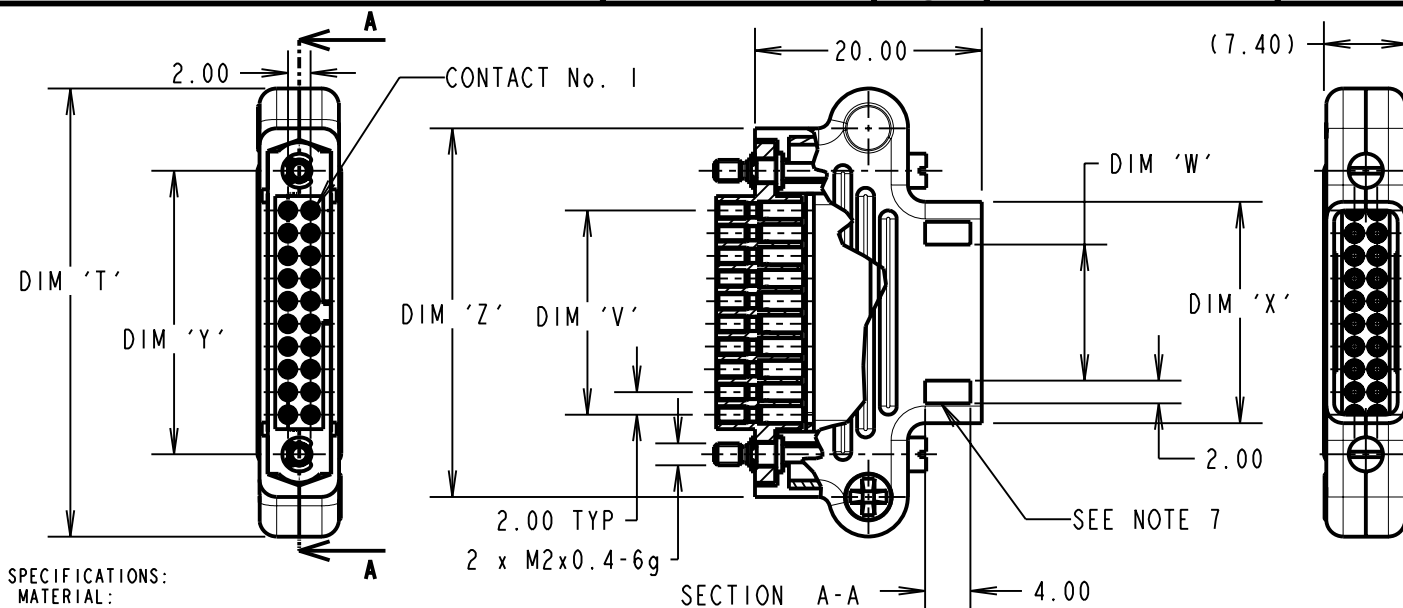
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M80-940XXXX

TOTAL No. OF CONTACTS

06, 08, 10, 12, 14

20, 26, 34, 42, 50

FINISH

05 - GOLD CLIP, GOLD SHELL

42 - GOLD CLIP, 100% TIN SHELL

NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS, CABLE HOOD SET, AND CABLE HOOD FIXING SCREWS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-01300XX (XX = SAME FINISH CODE AS ASSEMBLY).
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = $\varnothing 1.10\text{mm}$, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
- INSTRUCTION SHEETS ARE AVAILABLE.
- NO CABLE TIE SLOTS ON M80-94006XX AND M80-94008XX.

SPECIFICATIONS:

MATERIAL:

CABLE HOOD = 30% GLASS-FILLED POLYAMIDE 46

DATAMATE MOULDING = 30% GLASS-FILLED PPS,

UL94V-0, BLACK

CONTACT = BERYLLIUM COPPER

JACKSCREW = STAINLESS STEEL

CABLE HOOD FIXING SCREW = MILD STEEL

FINISH:

05 = 0.3 μ GOLD CLIP, 0.25-0.3 μ GOLD SHELL42 = 0.3 μ GOLD CLIP, 3.5-5.0 μ 100% TIN SHELL

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 m Ω MAXINSULATION RESISTANCE = 100 M Ω 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'
M80-94006XX	6	25.50	4.00	N/A	5.50	11.00	18.50
M80-94008XX	8	27.50	6.00	N/A	7.50	13.00	20.50
M80-94010XX	10	29.50	8.00	2.00	9.50	15.00	22.50
M80-94012XX	12	31.50	10.00	4.00	11.50	17.00	24.50
M80-94014XX	14	33.50	12.00	6.00	13.50	19.00	26.50
M80-94020XX	20	39.50	18.00	12.00	19.50	25.00	32.50
M80-94026XX	26	45.50	24.00	18.00	22.50	31.00	38.50
M80-94034XX	34	53.50	32.00	26.00	33.50	39.00	46.50
M80-94042XX	42	61.50	40.00	34.00	41.50	47.00	54.50
M80-94050XX	50	69.50	48.00	42.00	49.50	55.00	62.50

RA	3	14.12.09	10609
NAME	ISS.	DATE	C/NOTE
APPROVED: R. ADDE			
CHECKED: M.G. PLESTED			
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. = $\pm 1\text{mm}$
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 ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

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

DRAWING NUMBER:

M80-940XXXX

SHT
2
OF 2