

# Customer Information Sheet

DRAWING No.: M80-840XXXX

SHEET 2 OF 2

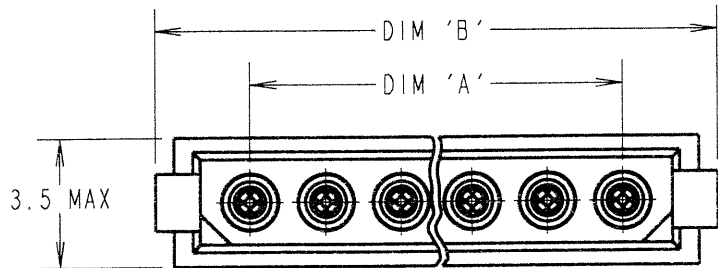
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

- RECOMMENDED PCB HOLE SIZE =  $\varnothing 0.80\text{mm}$  TYP.

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER  
CONTACT SHELL = BRASS

FINISH:

42 = 0.3 $\mu$  GOLD CLIP, 3.5-5.0 $\mu$  100% TIN SHELL  
45 = 0.3 $\mu$  GOLD CLIP, 0.25-0.3 $\mu$  GOLD SHELL

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 $\Omega$  MAX

INSULATION RESISTANCE = 100 M $\Omega$  MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE ( $\varnothing 0.5\text{mm}$  GAUGE) = 2.8N MAX

WITHDRAWAL FORCE ( $\varnothing 0.5\text{mm}$  GAUGE) = 0.2N MIN

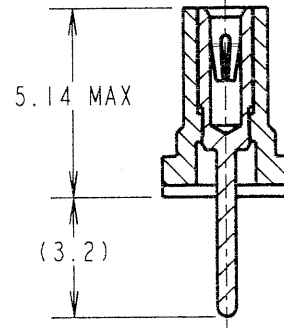
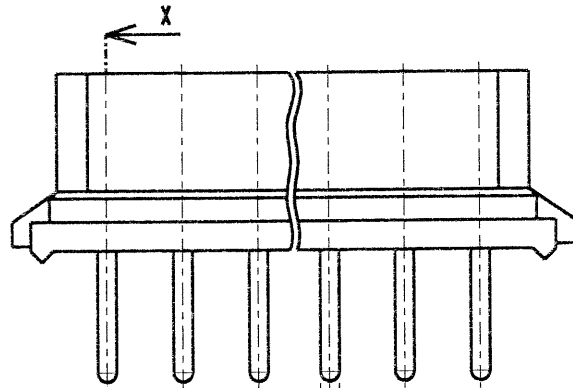
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

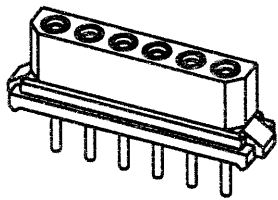
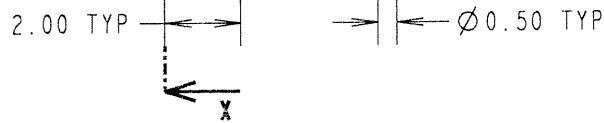
PACKING:

TUBE

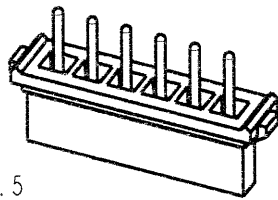
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



SCALE 2.5



PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'
M80-84002XX	2	2.00	7.30
M80-84003XX	3	4.00	9.30
M80-84004XX	4	6.00	11.30
M80-84005XX	5	8.00	13.30
M80-84006XX	6	10.00	15.30
M80-84007XX	7	12.00	17.30
M80-84017XX	17	32.00	37.30
M80-84022XX	22	42.00	47.30

ORDER CODE:

**M80-840XXXX**

TOTAL No. OF CONTACTS

02, 03, 04, 05,  
06, 07, 17, 22

FINISH

42 - GOLD CLIP, 100% TIN SHELL  
45 - GOLD CLIP, GOLD SHELL

JMB	5	09.08.06	9373
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>JJB</i>			
CHECKED: <i>DK</i>			
DRAWN: W. J. BOURNE		CUSTOMER REF.:	
ASSEMBLY DRG:			

**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 ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm<sup>2</sup>

TITLE:

DATAMATE  
SIL VERTICAL PC TAIL  
FEMALE ASSEMBLY (RoHS)

DRAWING NUMBER:

**M80-840XXXX**

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SHT  
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