

Customer Information Sheet

DRAWING No.: M80-840XXX

SHEET 2 OF 2

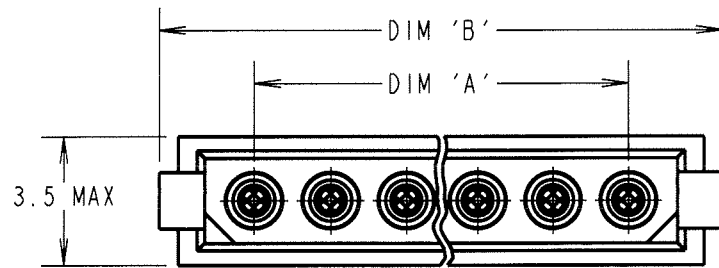
IF IN DOUBT - ASK

(C)

NOT TO SCALE

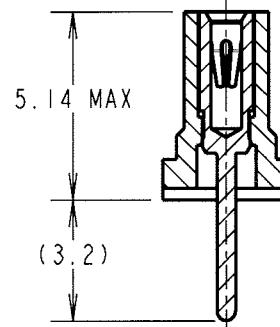
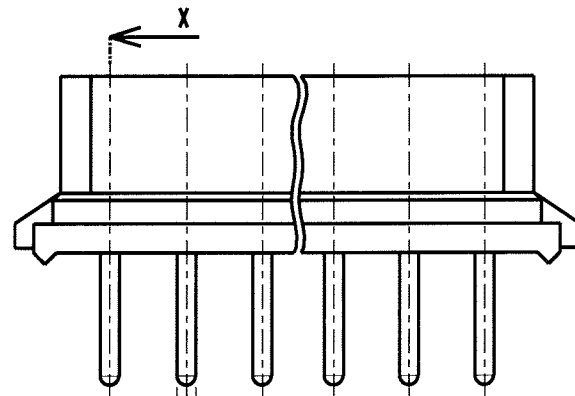
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



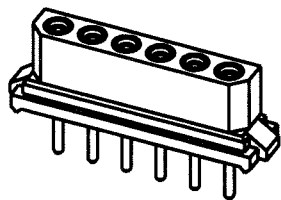
NOTES:

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

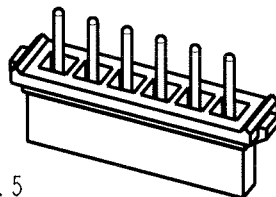


SECTION X-X

$\varnothing 0.50$ TYP
2.00 TYP



SCALE 2.5



SPECIFICATIONS:

MATERIAL:

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

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

FINISH:

42 = 0.3μ GOLD CLIP, 3.5-5.0 μ 100% TIN SHELL45 = 0.3μ GOLD CLIP, 0.25-0.3 μ 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 Ω MAXINSULATION RESISTANCE = 100 M Ω MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

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

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:

M80-840XXX

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 4 18.07.05 8633

NAME ISS. DATE C/NOTE

APPROVED:

CHECKED:

DRAWN: W. J. BOURNE

CUSTOMER REF.:

ASSEMBLY DRG:

HARWIN

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INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
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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:

DATAMATE
SIL VERTICAL PC TAIL
FEMALE ASSEMBLY (RoHS)

DRAWING NUMBER:

M80-840XXX

SHT
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U.S.A.

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