

Customer Information Sheet

DRAWING No.: M80-840XXXX

SHEET 2 OF 2

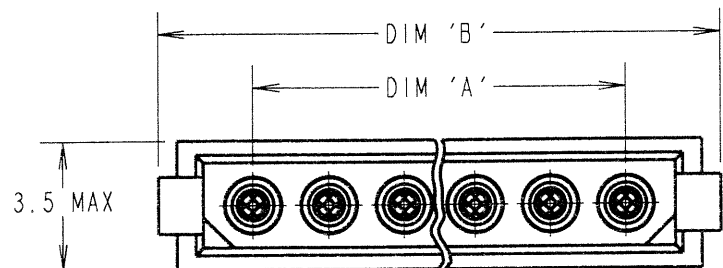
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

1. 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 = 0.3μ GOLD CLIP, $3.5\text{-}5.0\mu$ 100% TIN SHELL45 = 0.3μ GOLD CLIP, $0.25\text{-}0.3\mu$ GOLD SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAXCURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = $25\text{ m}\Omega$ MAXINSULATION RESISTANCE = $100\text{ M}\Omega$ 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

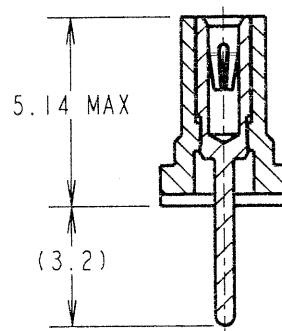
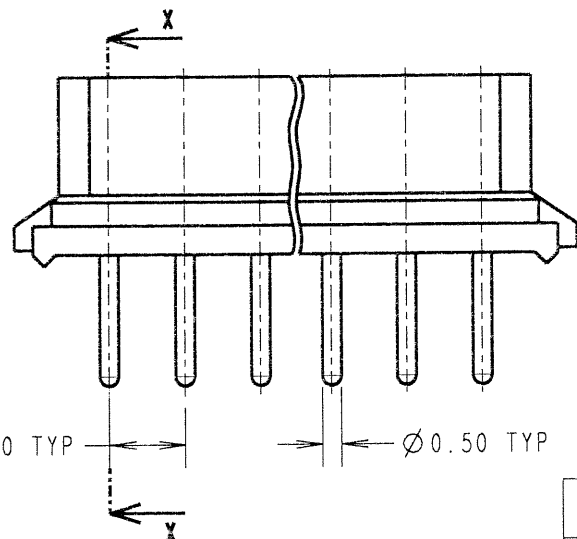
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^\circ\text{C}$

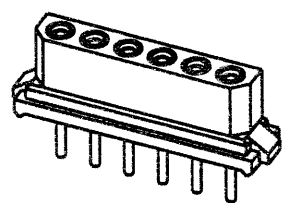
PACKING:

TUBE

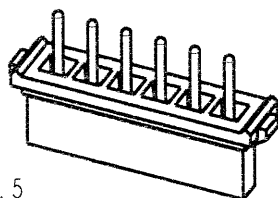
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



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:			
CHECKED:			
DRAWN:	W. J. BOURNE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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:

DATAMATE
SIL VERTICAL PC TAIL
FEMALE ASSEMBLY (RoHS)

DRAWING NUMBER:

M80-840XXXX

SHT
2 OF 2

HARWIN INC
U.S.A.

TEL: (812) 542 2540
FAX: (812) 542 2541

HARWIN PLC
U.K.

TEL: 023 9231 4545
FAX: 023 9231 4590

HARWIN PTE
SINGAPORE

TEL: 65 6779 4909
FAX: 65 6779 3868