

Customer Information Sheet

DRAWING No.: M80-614XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION

MATERIALS:

MOULDING = HIGH-TEMP. POLYAMIDE 46 UL94V-0

CLIP = BERYLLIUM COPPER

BODY = BRASS

FINISH:

01 = 3.5µ 90/10 TIN/LEAD BODY, 0.3µ GOLD CLIP

42 = 3.5/5.0µ 100% TIN BODY, 0.3µ GOLD CLIP

45 = 0.25/0.3µ GOLD BODY, 0.3µ GOLD CLIP

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:

INITIAL = 20mΩ MAX

AFTER CONDITIONING = 25mΩ MAX

INSULATION RESISTANCE:

INITIAL = 1000MΩ MIN

AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

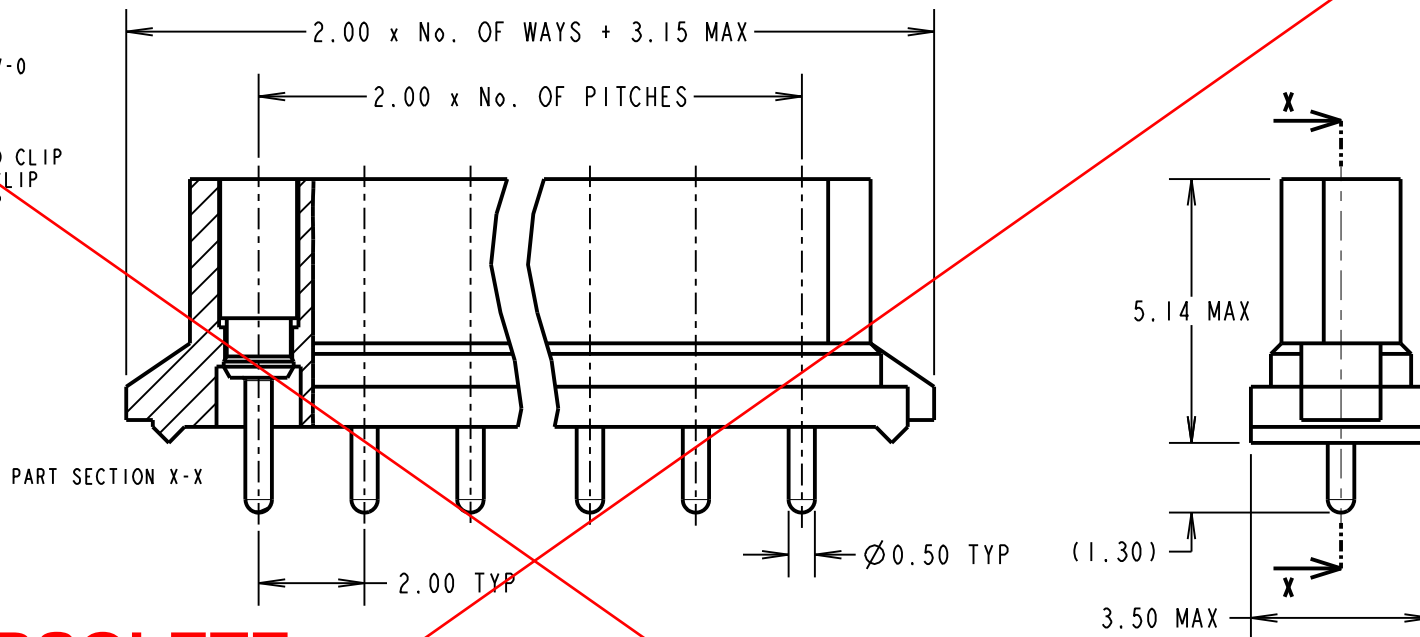
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

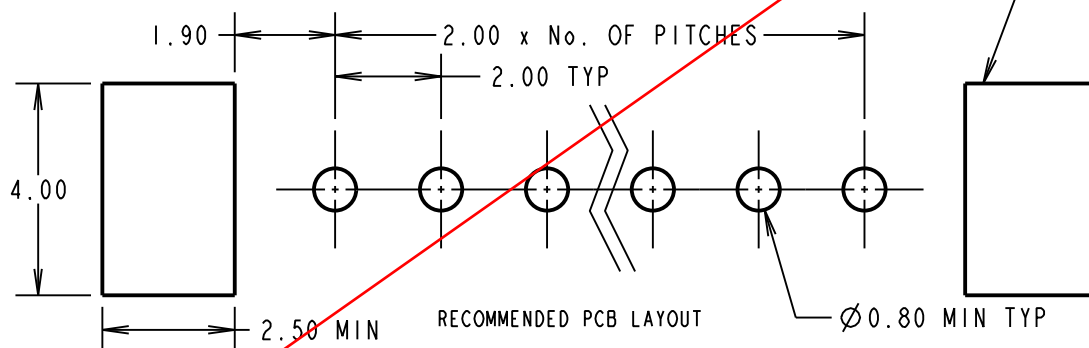
TUBE

FOR COMPLETE SPECIFICATION SEE
COMPONENT SPECIFICATION C005XX
(LATEST ISSUE)



OBSOLETE

(OPTIONAL) HOLES REQUIRED FOR
USE WITH LATCHED MALE CONNECTORS



ORDER CODE:

M80-614XXXX

No. OF WAYS

02-07, 17

FINISH

01 = GOLD CLIP, TIN/LEAD SHELL

42 = 100% TIN SHELL, GOLD CLIP

45 = GOLD SHELL, GOLD CLIP

SB	6	28.06.11	11350
NAME	ISS.	DATE	C/NOTE
APPROVED:	S.BENNETT		
CHECKED:	S.FLOWER		
DRAWN:	W. J. BOURNE		
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. = ±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:

DATAMATE SIL
FEMALE PC TAIL ASSEMBLY

DRAWING NUMBER:

M80-614XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-6142242](#) [M80-6142245](#) [M80-6140442](#) [M80-6140445](#) [M80-6140645](#) [M80-6140642](#) [M80-6140242](#) [M80-6140342](#) [M80-6140742](#) [M80-6140745](#) [M80-6140545](#) [M80-6140542](#) [M80-6141745](#) [M80-6141742](#)