

Customer Information Sheet

DRAWING No.: M80-770XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-770XXXX

TOTAL No. OF WAYS

04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34, 44

FINISH:

01 = TIN/LEAD SHELL, GOLD CLIP
42 = 100% TIN SHELL, GOLD CLIP
45 = GOLD SHELL, GOLD CLIP

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = BERYLLIUM COPPER

FINISH:

CONTACTS:

01 = 0.30µ GOLD CLIP, 4.0µ TIN/LEAD SHELL

42 = 0.30µ GOLD CLIP, 4.0µ 100% TIN SHELL

45 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL

ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE:

INITIAL = 20 mΩ MAX.

AFTER CONDITIONING = 25 mΩ MAX.

INSULATION RESISTANCE:

INITIAL = 1000 MΩ MIN.

AFTER CONDITIONING = 100 MΩ MIN.

MECHANICAL:

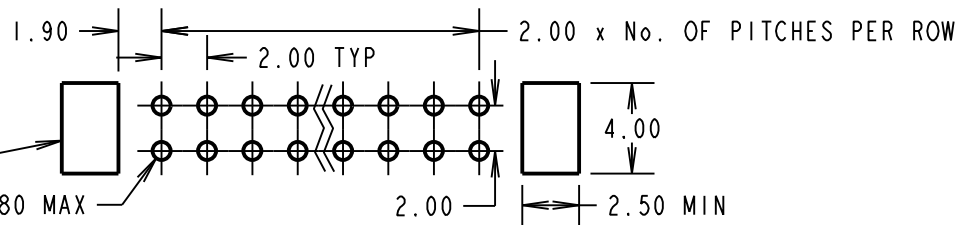
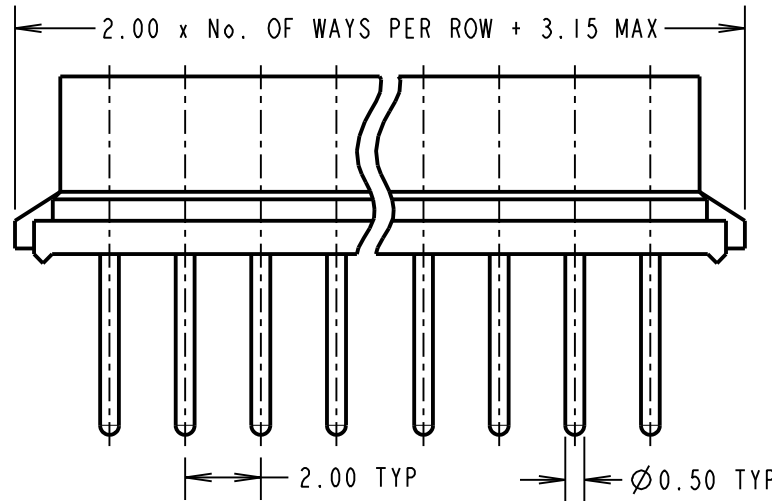
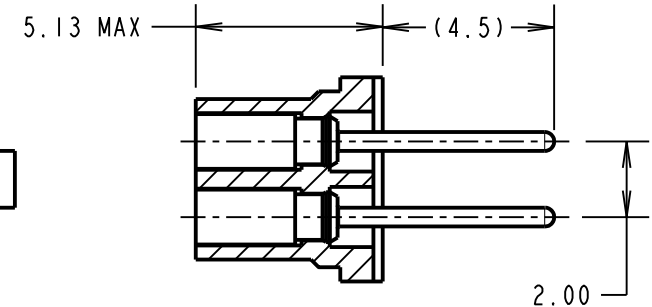
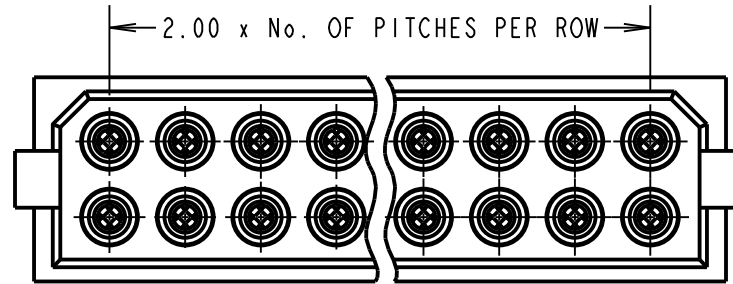
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)(OPTIONAL) HOLES REQUIRED
FOR USE WITH LATCHED
MALE CONNECTORS

SB	3	18.07.11	11378
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.G.PLESTED			
DRAWN: JM BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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
DIL VERTICAL PC TAIL
SOCKET ASSEMBLY

DRAWING NUMBER:

M80-770XXXXSHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-7700442](#) [M80-7700445](#) [M80-7700642](#) [M80-7700645](#) [M80-7700842](#) [M80-7700845](#) [M80-7701042](#) [M80-7701045](#) [M80-7701242](#) [M80-7701245](#) [M80-7701442](#) [M80-7701445](#) [M80-7701642](#) [M80-7701645](#) [M80-7701842](#) [M80-7701845](#) [M80-7702042](#) [M80-7702045](#) [M80-7702642](#) [M80-7702645](#) [M80-7703442](#) [M80-7703445](#) [M80-7704442](#) [M80-7704445](#) [M80-7701001](#) [M80-7701201](#) [M80-7700601](#) [M80-7704401](#) [M80-7700801](#) [M80-7702001](#) [M80-7701401](#) [M80-7701601](#) [M80-7703401](#) [M80-7700401](#) [M80-7702601](#) [M80-7701801](#)