

Customer Information Sheet

ORDER No.: M80-863XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-863XXXX

TOTAL No. OF WAYS

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

FINISH:

22 = SELECTIVE GOLD + TIN/LEAD

45 = GOLD

42 = SELECTIVE GOLD / 100% TIN

NOTES:

- 2-OFF STRAIN RELIEF STRAPS
M80-0030006 MAY BE USED
WITH THIS CONNECTOR.

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

22 = 0.75µ GOLD ON CONTACT AREA,

3µ 90/10 TIN/LEAD ON TAILS

45 = 0.75µ GOLD

42 = 0.75µ GOLD ON CONTACT AREA,

3.0µ 100% TIN OVER NICKEL ON TAILS

LATCH = 1.25µ NICKEL

ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE (INITIAL) = 20 mΩ MAX.

CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX.

INSULATION RESISTANCE (INITIAL) = 1000 MΩ MIN.

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN.

MECHANICAL:

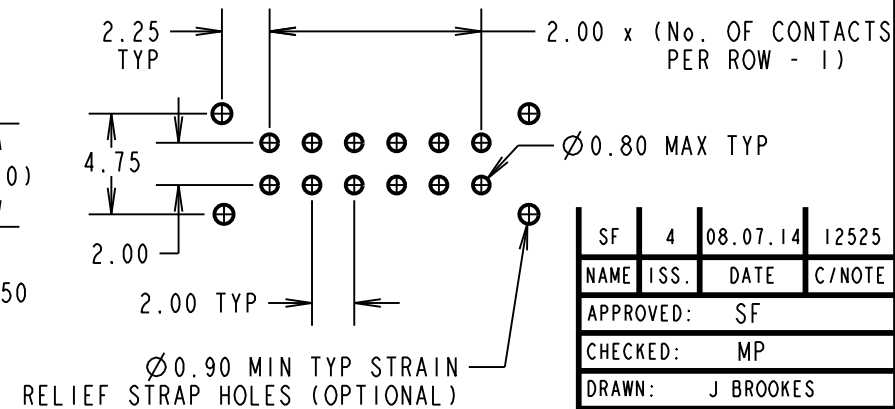
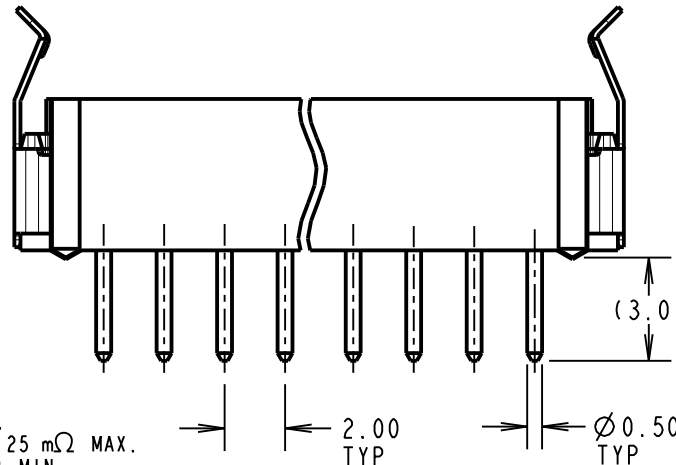
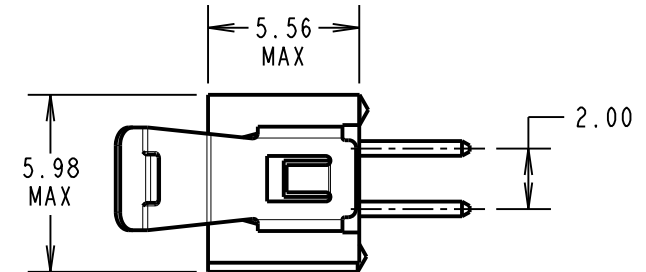
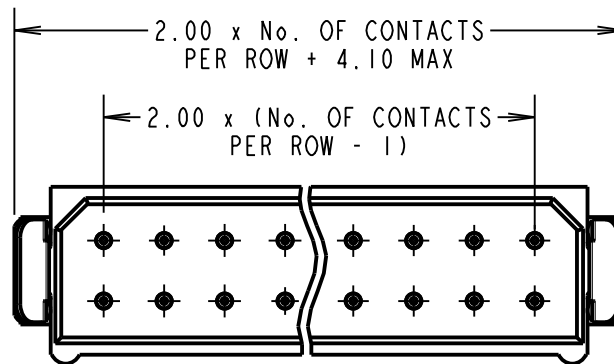
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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

RECOMMENDED PCB LAYOUT

SF	4	08.07.14	12525
NAME	ISS.	DATE	C/NOTE
APPROVED: SF			
CHECKED: MP			
DRAWN: J 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:

mm²TITLE: DATAMATE DIL VERTICAL
PC TAIL PLUG ASSEMBLY
FRICTION LATCHED (RoHS)

DRAWING NUMBER:

M80-863XXXXSHT
2
OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8634442](#) [M80-8630842](#) [M80-8630442](#) [M80-8630642](#) [M80-8631242](#) [M80-8631642](#) [M80-8632042](#) [M80-8632642](#) [M80-8631442](#) [M80-8631042](#) [M80-8633442](#) [M80-8631842](#)