

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:

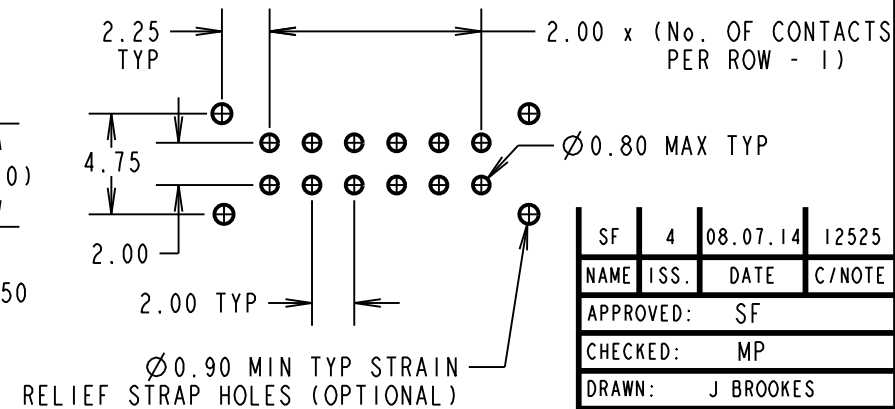
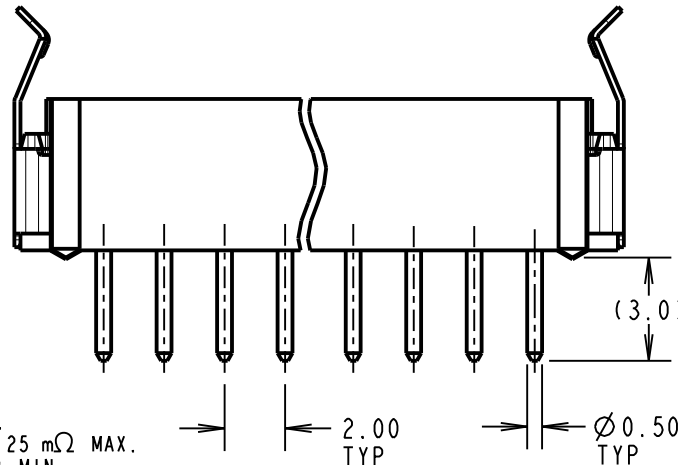
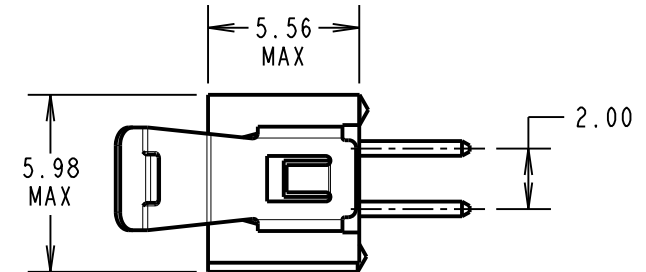
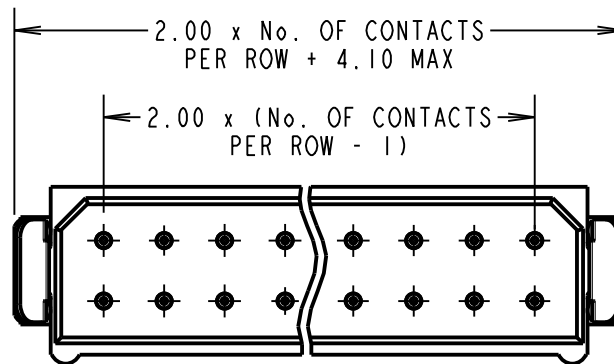
DURABILITY = 500 OPERATIONS

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:			

HARWINwww.harwin.com
technical@harwin.comTHIS 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:

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](#) [M80-8630445](#)