

Customer Information Sheet

DRAWING No.: M80-877XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED POLYESTER,
 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE
 LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:
 05 = 0.75µ GOLD
 22 = 0.75µ GOLD ON CONTACT AREA,
 3.0µ 90/10 TIN/LEAD 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.
 AFTER CONDITIONING = 25 mΩ MAX.

INSULATION RESISTANCE:

INITIAL = 1000 MΩ MIN.
 AFTER CONDITIONING = 100 MΩ MIN.

MECHANICAL:

DURABILITY = 500 OPERATIONS
 INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX
 WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

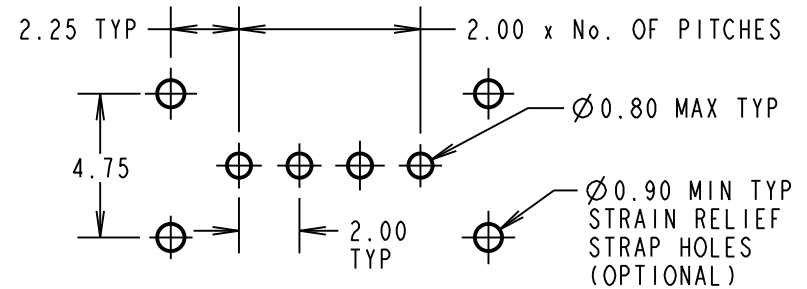
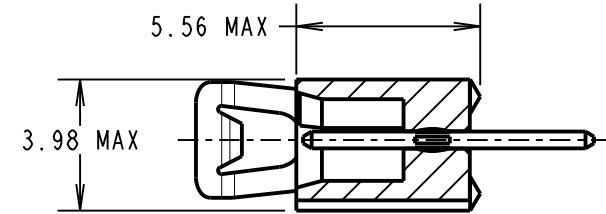
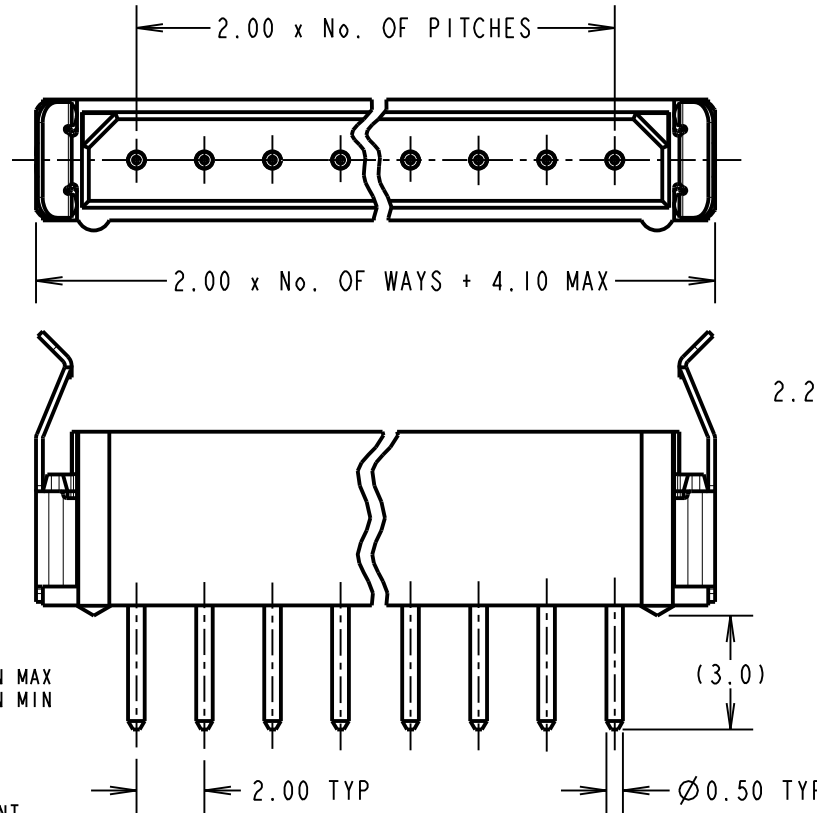
PACKING:

TUBE

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

NOTES:

- 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR.
- FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-882XXXX CONNECTORS.



BRITISH STANDARD ORDER CODE:

B5743-1XX-M-T-X

TOTAL No. OF WAYS _____
 02 - 07, 17, 22.

FINISH:

- 1 = SELECTIVE GOLD + TIN/LEAD
- 3 = GOLD

ORDER CODE:

M80-877XXXX

TOTAL No. OF WAYS _____
 02 - 07, 17, 22.

FINISH:

- 05 = GOLD
- 22 = SELECTIVE GOLD & TIN/LEAD

SB	14	06.03.12	11672
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: J. CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
 technical@harwin.com

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 VERTICAL MALE PC TAIL ASSEMBLY - LATCHED
DRAWING NUMBER: M80-877XXXX
 SHT 2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8770322](#) [M80-8770222](#) [M80-8770622](#) [M80-8770422](#) [M80-8772222](#) [M80-8771722](#) [B5743-117-M-T-1](#) [B5743-107-M-T-1](#) [B5743-103-M-T-1](#) [B5743-105-M-T-1](#) [B5743-104-M-T-1](#) [B5743-106-M-T-1](#) [B5743-102-M-T-1](#) [B5743-102-M-T-3](#) [M80-8770205](#) [M80-8770405](#) [M80-8770705](#) [M80-8771705](#) [M80-8770522](#) [M80-8770722](#) [B5743-103-M-T-3](#) [B5743-105-M-T-3](#) [B5743-107-M-T-3](#) [B5743-104-M-T-3](#) [B5743-106-M-T-3](#)