

Customer Information Sheet

DRAWING No.: M80-865XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

~~ORDER CODE:~~

~~M80-865XXXX~~

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

~~FINISH:
05 = GOLD
22 = SELECTIVE GOLD~~

BRITISH STANDARD ORDER CODE:

B5743-1XX-M-T-V

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

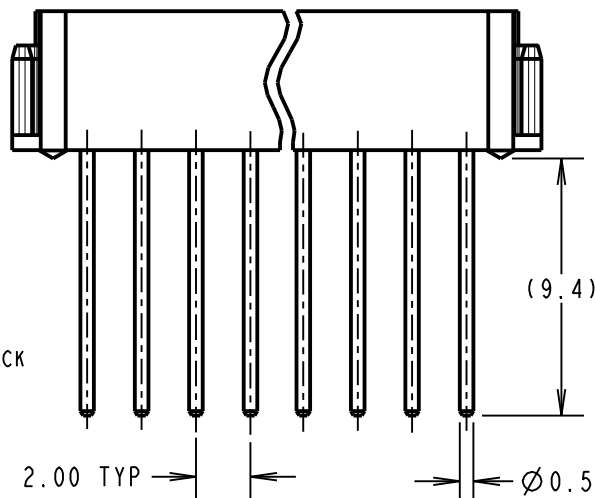
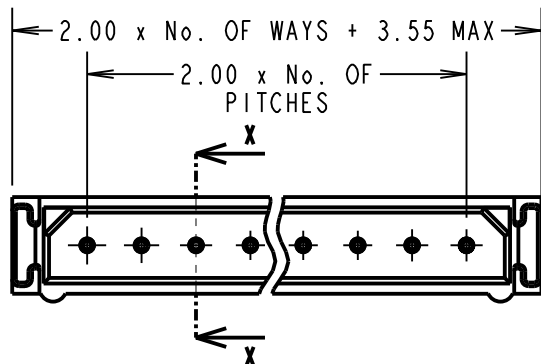
FINISH:
V = SELECTIVE GOLD

SPECIFICATIONS:

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

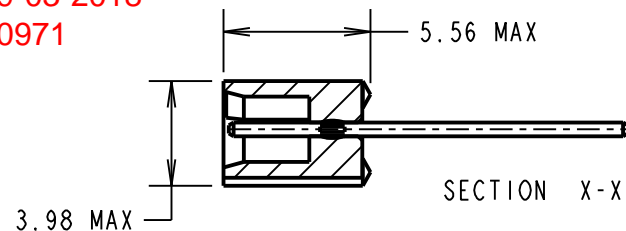
FINISH:
CONTACTS:
05 = 0.75µ GOLD
22 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 90/10 TIN/LEAD ON TAILS

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.
CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX.
INSULATION RESISTANCE (INITIAL) = 1000 MΩ MIN.
INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN.

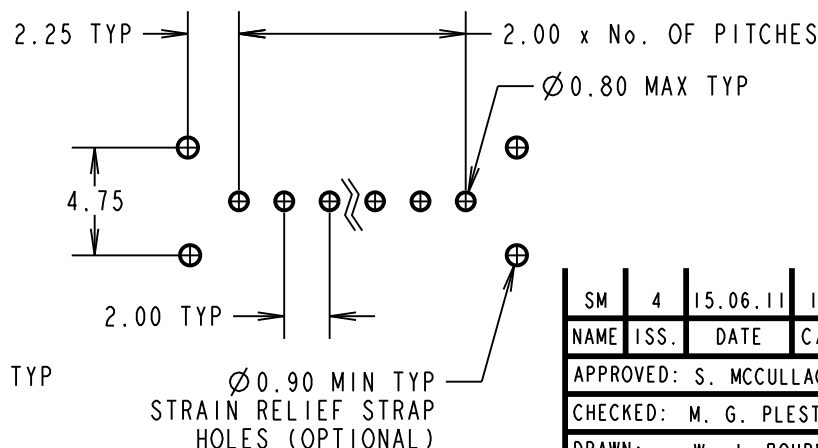


MECHANICAL:
DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

OBSOLETE
All M80 versions
LTB date 09-03-2018
C/N 20971



NOTES:
1. 2-OFF STRAIN RELIEF STRAPS MAY BE USED WITH THIS CONNECTOR.



RECOMMENDED PCB LAYOUT

SM	4	15.06.11	10832
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
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
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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 SIL VERTICAL PC TAIL PLUG ASSEMBLY - UNLATCHED
DRAWING NUMBER: M80-865XXXX

SHT 2 OF 2