

Customer Information Sheet

DRAWING No.: M80-815XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

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 = 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

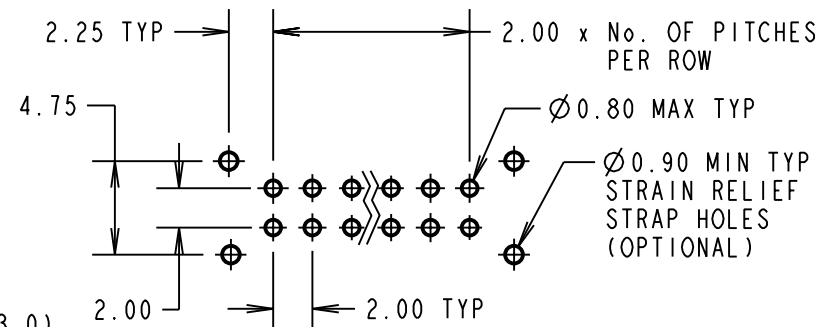
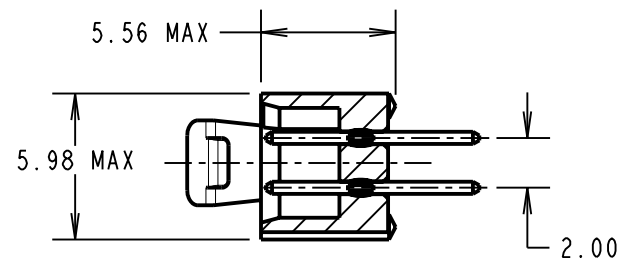
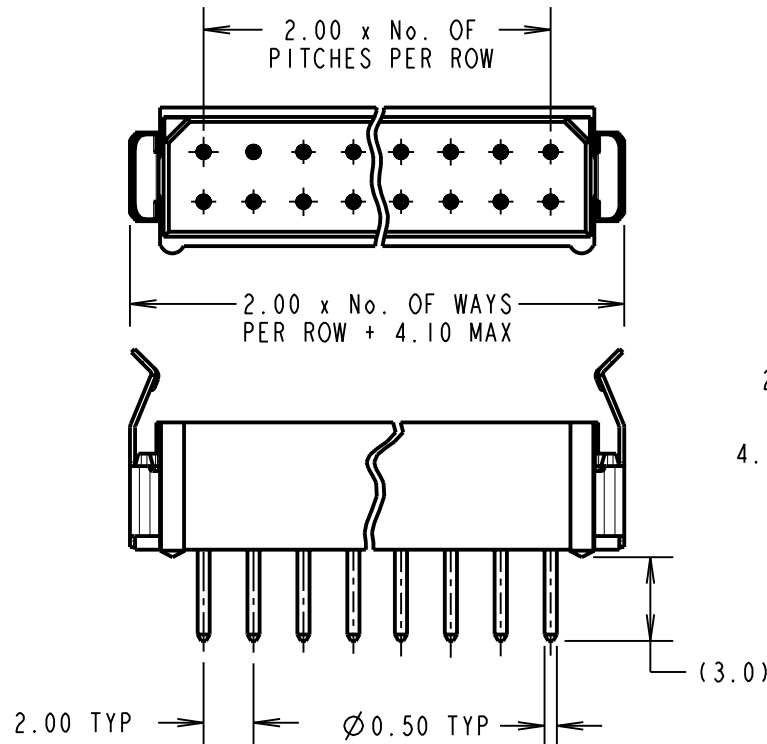
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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



RECOMMENDED PCB LAYOUT

NOTES:

- 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR.
- FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-863XXXX CONNECTORS.

BRITISH STANDARD

ORDER CODE: TO BS9525 F0033

B5743-2XX-M-T-R**TOTAL No. OF WAYS**

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

FINISH:

R = SELECTIVE GOLD + TIN/LEAD

ORDER CODE:**M80-815XXXX****TOTAL No. OF WAYS**

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

FINISH:

05 = GOLD
22 = SELECTIVE GOLD + TIN/LEAD

CP	9	28.09.09	10303
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: D. BECK			
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
--	--	--

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 DIL
VERTICAL MALE PC TAIL
ASSEMBLY - FRICTION LATCH

DRAWING NUMBER:**M80-815XXXX**

SHT
2
OF
2