Customer Information Sheet

DRAWING No.: M80-615XXXX	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

SPECIFICATION

MATERIALS:
- MOULDING = HIGH-TEMP. POLYAMIDE 46 UL94V-0
- CLIP = BERYLLIUM COPPER
- BODY = BRASS

FINISH:
- 01 = 3.5µ 90/10 TIN LEAD BODY, 0.3µ GOLD CLIP
- 42 = 3.5/5.0µ 100% TIN BODY, 0.3µ GOLD CLIP
- 45 = 0.25/0.3µ GOLD BODY, 0.3µ GOLD CLIP

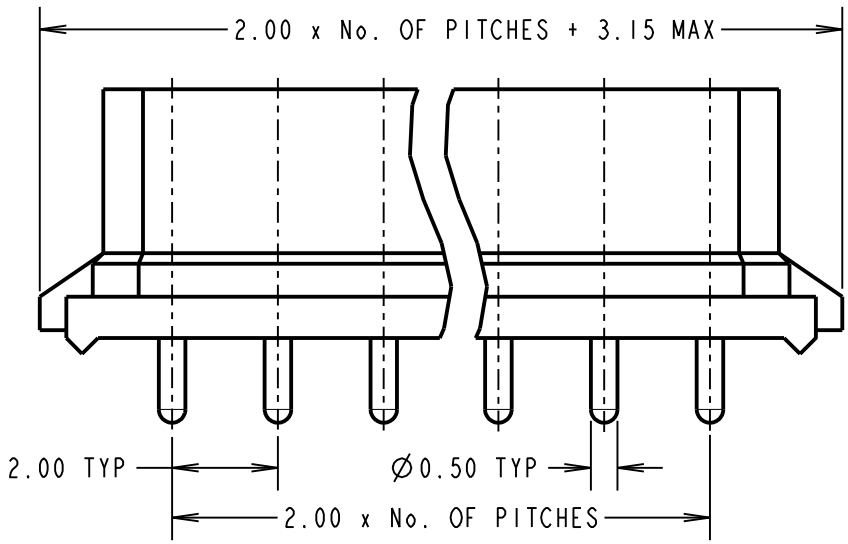
ELECTRICAL:
- CURRENT RATING AT 25°C = 3.0A MAX
- CURRENT RATING AT 85°C = 2.2A MAX
- WORKING VOLTAGE = 120V AC/DC
- VOLTAGE PROOF = 360V AC/DC
- CONTACT RESISTANCE:
  - INITIAL = 20mΩ MAX
  - AFTER CONDITIONING = 25mΩ MAX
- INSULATION RESISTANCE:
  - INITIAL = 1000MΩ MIN
  - AFTER CONDITIONING = 100MΩ MIN

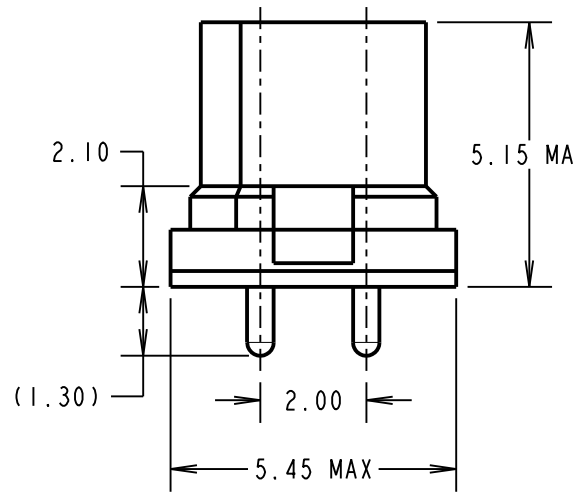
MECHANICAL:
- DURABILITY = 500 OPERATIONS
- INSERTION FORCE = 2.8N MAX, 1.0N MIN
- WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

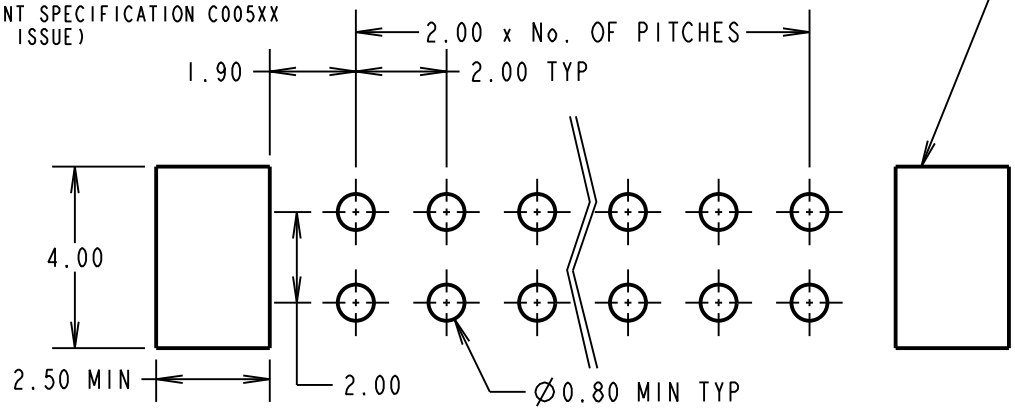
ENVIRONMENTAL:
- TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
- TUBE

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)







(OPTIONAL) HOLES REQUIRED FOR USE WITH LATCHED MALE CONNECTORS

ORDER CODE:

M80-615XXXX

No. OF CONTACTS
04-20 (EVEN No.s)
26, 34 & 44

FINISH
01 = GOLD CLIP, TIN/LEAD SHELL
42 = 100% TIN SHELL, GOLD CLIP
45 = GOLD SHELL, GOLD CLIP

SB	6	28.06.11	11350
NAME	ISS.	DATE	C/NOTE

APPROVED: S.BENNETT
CHECKED: S.FLOWER
DRAWN: I. SANDY
CUSTOMER REF.:
ASSEMBLY DRG:

HARWIN

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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 TABLE
S/AREA: mm²

TITLE:
DATAMATE DIL
FEMALE PC TAIL ASSEMBLY

DRAWING NUMBER:
M80-615XXXX

SHT 2 OF 2