

Customer Information Sheet

DRAWING No.: M80-614XXXX

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

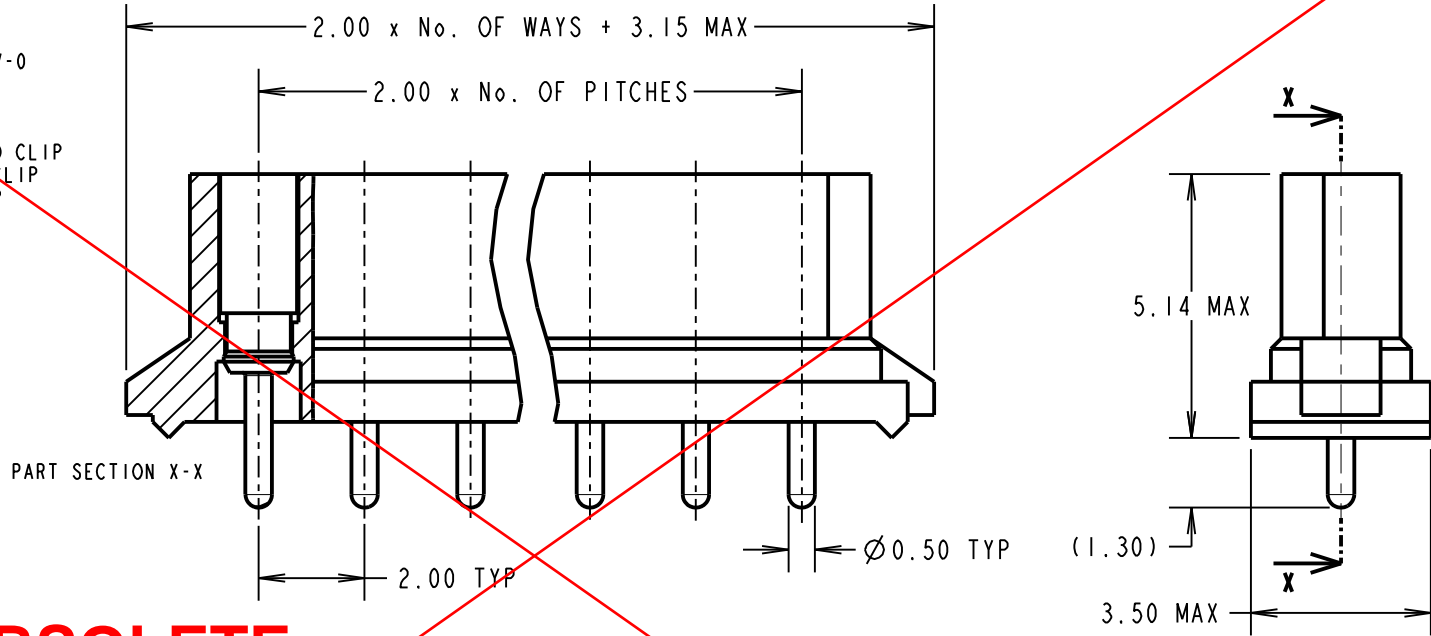
CONTACT RESISTANCE:
 INITIAL = 20mΩ MAX
 AFTER CONDITIONING = 25mΩ MAX

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

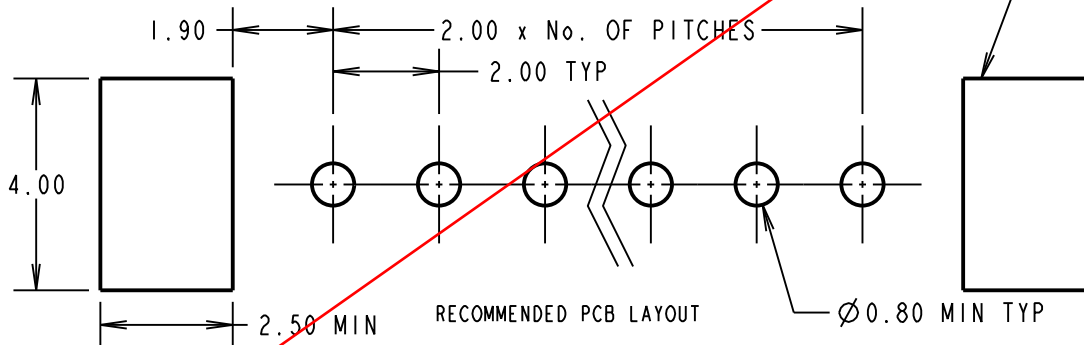
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
 TUBE
 FOR COMPLETE SPECIFICATION SEE
 COMPONENT SPECIFICATION C005XX
 (LATEST ISSUE)



OBSOLETE

(OPTIONAL) HOLES REQUIRED FOR
 USE WITH LATCHED MALE CONNECTORS



ORDER CODE:

M80-614XXXX

No. OF WAYS
 02-07, 17

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:		W. J. BOURNE	
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 ABOVE

S/AREA: mm²

TITLE:
 DATAMATE SIL
 FEMALE PC TAIL ASSEMBLY

DRAWING NUMBER:
M80-614XXXX

SHT
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