

Customer Information Sheet

DRAWING No.: M80-706XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIALS:

MOULDING = POLYAMIDE 46 UL94V-0
CONTACT CLIP = BERYLLIUM COPPER
CONTACT SHELL = BRASS

FINISH (ALL OVER NICKEL):

01 = 3.5 - 5.0µ 100% TIN BODY, 0.30µ GOLD CLIP
05 = 0.25 - 0.30µ GOLD BODY, 0.30µ GOLD CLIP

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
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

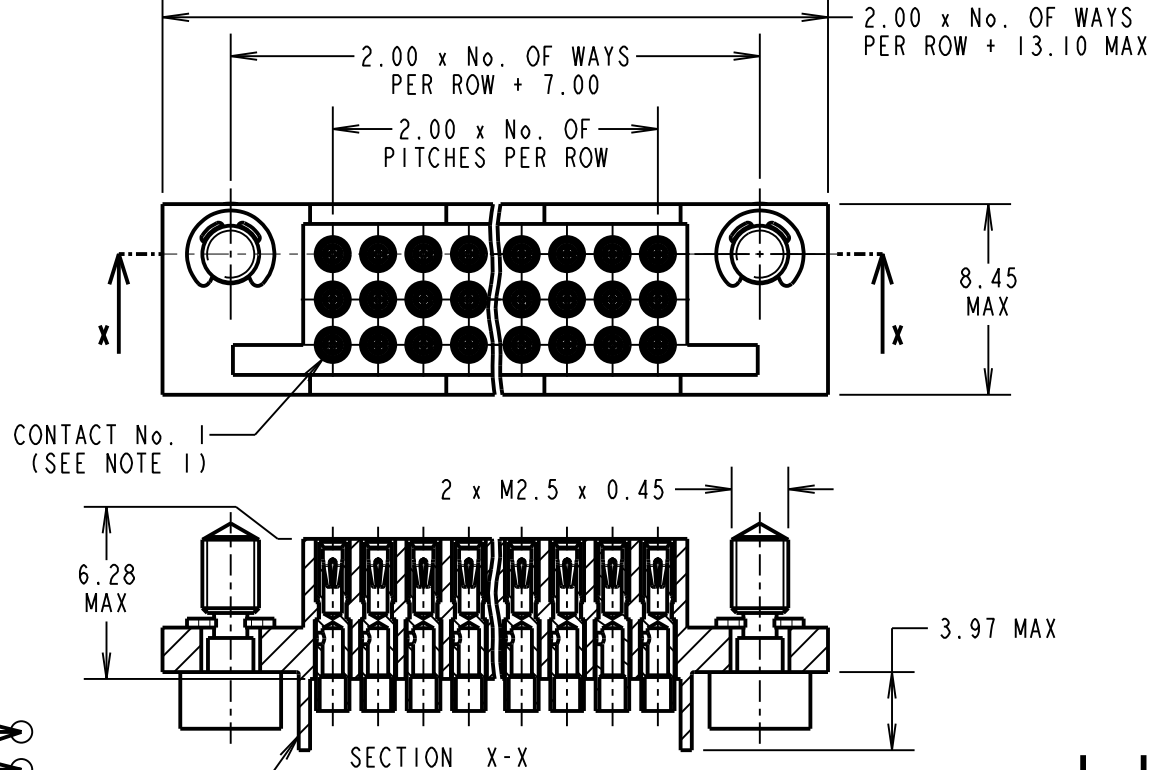
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

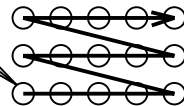
PACKING:

TRAYS

FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C017XX (LATEST ISSUE)



No. 1 CONTACT (SEE NOTE 1)



NOTES:

- FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM LEFT TO RIGHT AND FROM BOTTOM ROW TO TOP ROW.
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED, MAX INSULATION DIAMETER = \varnothing 1.10mm. STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.
- CONNECTOR SUPPLIED WITH CONTACTS LOOSE.

POTTING WALLS:
SEE ORDER CODE

ORDER CODE:

M80-705XXXXX

TOTAL No. OF CONTACTS _____
27, 36, 45, 51, 63

FINISH: _____
05 - GOLD BODY, GOLD CLIP

POTTING WALLS _____
BLANK - POTTING WALLS
A = REMOVE POTTING WALLS

SB	9	17.02.12	11650
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. = \pm 1mm
X.X = \pm 0.25mm
X.XX = \pm 0.10mm
X.XXX = \pm 0.01mm
ANGLES = \pm 5°
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: 3-ROW DATAMATE
FEMALE CRIMP SOCKET ASSY
(LARGE BORE) + JACKSCREWS

DRAWING NUMBER:

M80-706XXXXX

SHT
2 OF 2