

Customer Information Sheet

DRAWING No: M80-706XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-706XXXX

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

FINISH

01 - TIN BODY, GOLD CLIP
05 - GOLD BODY, GOLD CLIP

POTTING WALLS

BLANK - POTTING WALLS
A - REMOVE POTTING WALLS

NOTES:

1. FROM No. 1 POSITION,
CONTACTS NUMBERED IN
SEQUENCE FROM RIGHT TO
LEFT AND FROM BOTTOM
ROW TO TOP ROW
(LOOKING ON BACK FACE).

2. SUITABLE FOR WIRE GAUGE 22 AWG (19/0.15mm),
MAX INSULATION DIAMETER = 0.10mm. BS3G210
TYPE A WIRE RECOMMENDED.

3. CONTACTS SUPPLIED UN-ASSEMBLED.

SPECIFICATION:

MATERIALS:

MOULDING - POLYAMIDE 46 UL94V-0
CONTACTS - CLIP - BERYLLIUM COPPER, BODY - BRASS
JACKSCREWS & CIRCLIPS - STAINLESS STEEL

FINISH:

CONTACTS - 01 - 35-50µ TIN BODY, 0.30µ GOLD CLIP
05 - 0.25-0.30µ GOLD BODY, 0.30µ GOLD CLIP

ELECTRICAL:

CURRENT RATING AT 25°C - 30A MAX.
CURRENT RATING AT 85°C - 2.2A MAX.
VOLTAGE PROOF - 360V AC/DC
CONTACT RESISTANCE (INITIAL) - 20 MILLIOHMS MAX.
CONTACT RESISTANCE (AFTER CONDITIONING) - 25 MILLIOHMS MAX.
INSULATION RESISTANCE (INITIAL) - 1000 MEGOHMS MIN.
INSULATION RESISTANCE (AFTER CONDITIONING) - 100 MEGOHMS MIN.

MECHANICAL:

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

ENVIRONMENTAL:

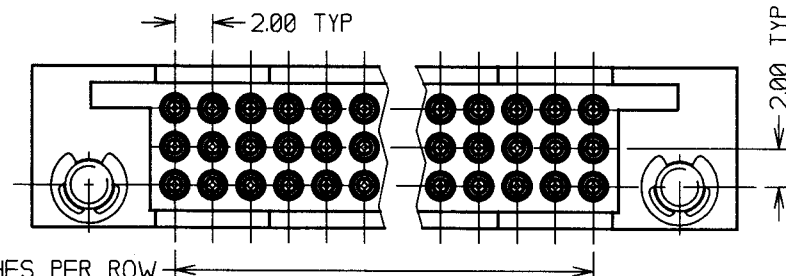
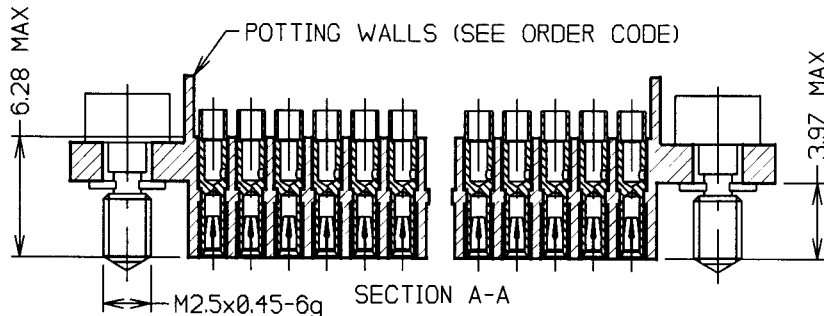
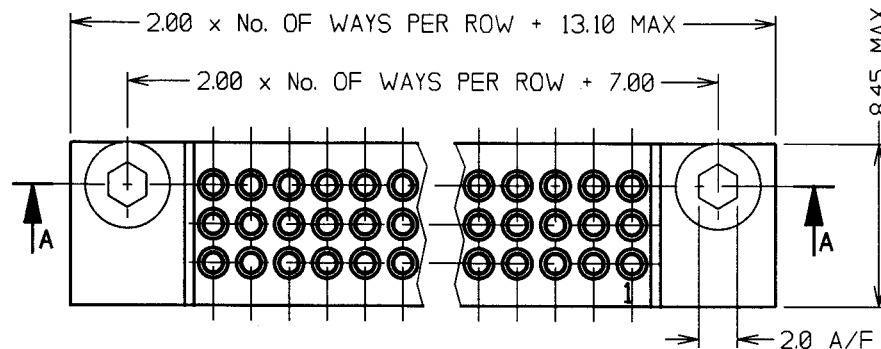
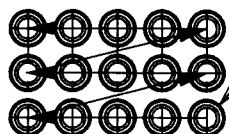
TEMPERATURE RANGE - -55°C TO +125°C

PACKING:

TRAYS

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

No. 1 CONTACT



JAE	5	10.07.01	5993
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
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: 3-ROW 2mm PITCH
FEMALE CRIMP SOCKET ASSY
(LARGE BORE) + JACKSCREWS

DRAWING NUMBER:

M80-706XXXX

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OF
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