

Customer Information Sheet

DRAWING No.: M80-715XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIALS:

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

FINISH:

01 = 3.5µ 90/10 TIN/LEAD BODY, 0.3µ GOLD CLIP
 05 = 0.25 - 0.3µ 100% GOLD

ELECTRICAL:

CURRENT RATING AT 25°C -
 SMALL = 3.0A MAX
 LARGE = 15.0A MAX
 CURRENT RATING AT 85°C -
 SMALL = 2.2A MAX
 LARGE = 11.0A 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)

NOTES:

- FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM RIGHT TO LEFT AND FROM BOTTOM ROW TO TOP ROW (LOOKING ON MATING FACE).
- CONTACTS SUPPLIED UN-ASSEMBLED.
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED, 24 - 28AWG. MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00mm. RECOMMENDED WIRE SIZE FOR POWER CONTACTS = 18 & 20AWG.
- 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 INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

ORDER CODE:

M80-715XXXX

No. OF SMALL

CONTACTS:

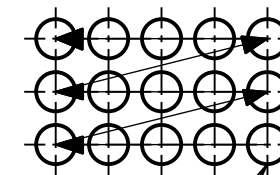
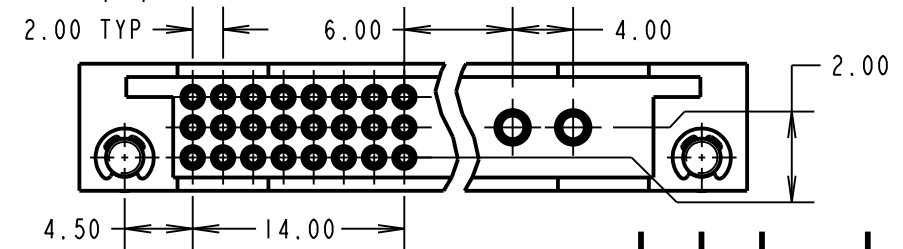
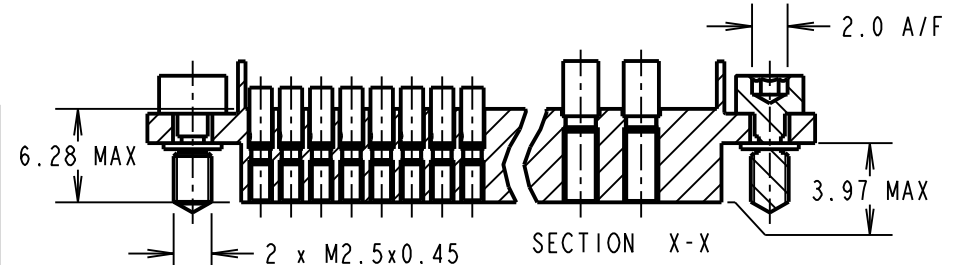
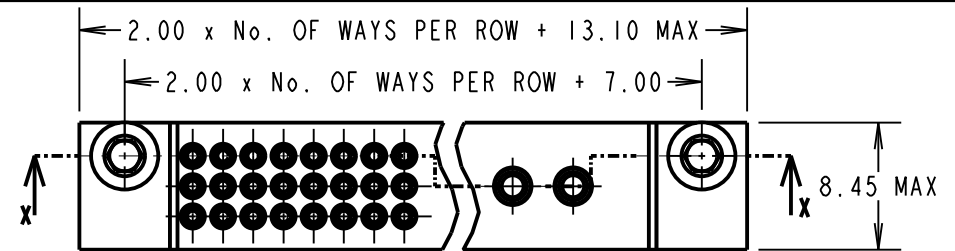
06, 15, 24, 30, 42

FINISH:

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

POTTING WALLS

BLANK - POTTING WALLS
 A - REMOVE POTTING WALLS



CONTACT No. 1

SM	7	04.08.11	11389
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
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 + POWER SOCKET ASSY (SMALL BORE) + JACKSCREWS

DRAWING NUMBER:

M80-715XXXX

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

SHT
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