

Customer Information Sheet

DRAWING No.: M80-889XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIAL:
 MOULDING = GLASS-FILLED PBT UL94V-0, BLACK
 CLIP = BERYLLIUM COPPER
 SHELL = COPPER ALLOY

FINISH (ALL OVER NICKEL):

CONTACTS:
 01 = 0.75µ GOLD CLIP, 4µ 100% TIN OVER NICKEL SHELL
 05 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL

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

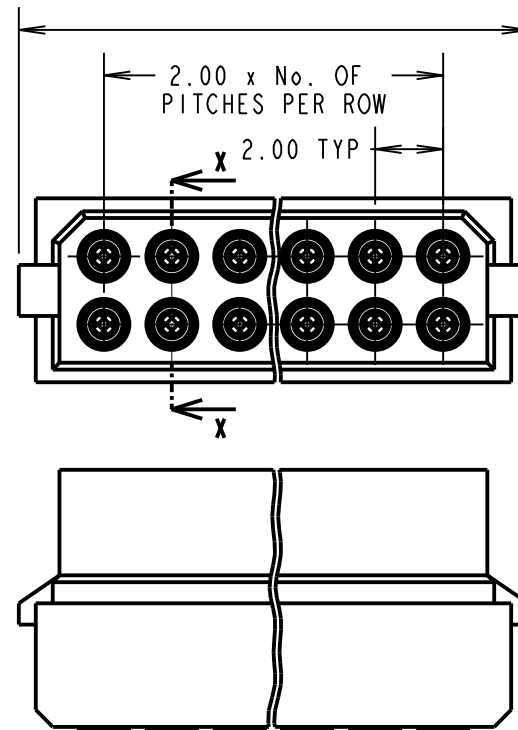
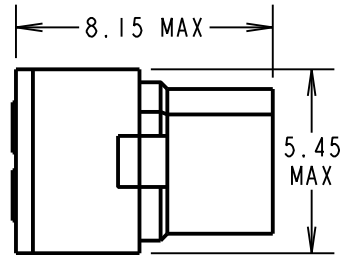
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE = 2.8N MAX, 1.0N MIN
 WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

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

PACKING:
 BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

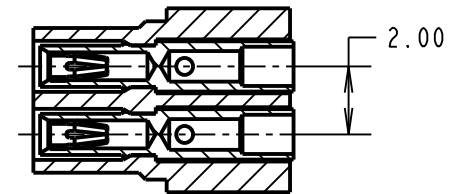
NOTES:

- RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-889XX05 AND M80-0110001 FOR M80-889XX01.
- 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.



2.00 x No. OF WAYS PER ROW + 3.15 MAX

SECTION X-X



COMMERCIAL ORDER CODE:

M80-889XXXX

TOTAL No. OF WAYS
 04, 06, 08, 10, 12, 14, 16, 18, 20, 26, 34

FINISH:
 01 - GOLD CLIP, 100% TIN SHELL
 05 - GOLD CLIP, GOLD SHELL

BRITISH STANDARD ORDER CODE: TO BS9525 F0033

B5740-2XX-F-D-X

TOTAL No. OF WAYS
 04, 06, 08, 10, 12, 14, 16, 18, 20, 26, 34

FINISH:
 0 - GOLD CLIP, TIN SHELL
 2 - GOLD CLIP, GOLD SHELL

SB	11	22.07.11	11376
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.G.PLESTED	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG.:			

HARWIN

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
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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 2mm PITCH CRIMP DIL SOCKET ASSY LARGE BORE (22 AWG)

DRAWING NUMBER:
M80-889XXXX

SHT
 2 OF 2