

Customer Information Sheet

DRAWING No.: M83-01100XX

SHEET 2 OF 2

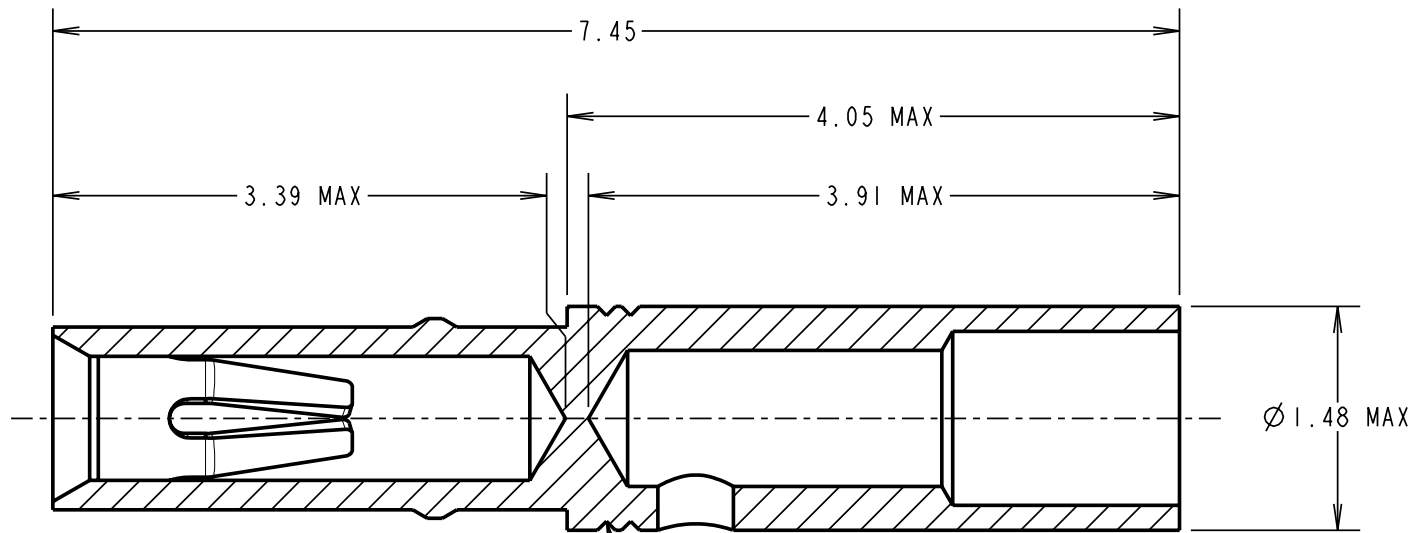
IF IN DOUBT - ASK

©

NOT TO SCALE

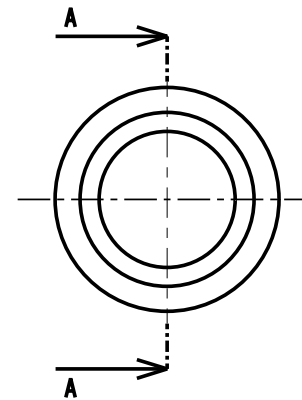
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION A-A

ORDER CODE:
M83-01100XX
 FINISH: _____
 01 = TIN SHELL/GOLD CLIP
 05 = GOLD SHELL/GOLD CLIP



2 x V-GROOVE IDENTIFICATION MARK

SPECIFICATION:

MATERIAL:

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

FINISH:

01 = 4µ 100% TIN SHELL, 0.3µ GOLD CLIP

05 = 0.28µ GOLD SHELL, 0.3µ GOLD CLIP

MECHANICAL:

INSERTION FORCE = 1.0N MAX, 0.3N MIN

WITHDRAWAL FORCE = 0.8N MAX, 0.2N MIN

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

OPERATING TEMPERATURE = -55°C TO +125°C

PACKING:

BULK

FOR COMPLETE CONNECTOR SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

NOTES:

- SUITABLE FOR WIRE GAUGE 22 AWG. MAXIMUM INSULATION DIAMETER Ø1.10mm, BS3G210 TYPE A WIRE RECOMMENDED. STRIP WIRE BY 2.00mm FOR CRIMPING.
- RECOMMENDED CRIMP TOOL = M22520/2-01, POSITIONER = T5747,
- FOR INSTRUCTIONS ON HAND CRIMP TOOL M22520/2-01, SEE INSTRUCTION SHEET IS-01.
- RECOMMENDED MATING PIN SIZE = Ø0.51-0.46mm.

| | | | |
|----------------|------|--------------|--------|
| RA | I | 17.06.08 | 10058 |
| NAME | ISS. | DATE | C/NOTE |
| APPROVED: | | R. ADDE | |
| CHECKED: | | M.G. PLESTED | |
| DRAWN: | | B. M. KENT | |
| 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
 LOW INSERTION FORCE CRIMP
 CONTACT ASSEMBLY (LARGE BORE)

DRAWING NUMBER:

M83-01100XX

SHT
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 OF 2

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