

Customer Information Sheet

DRAWING No.: M80C108448C

SHEET 2 OF 2

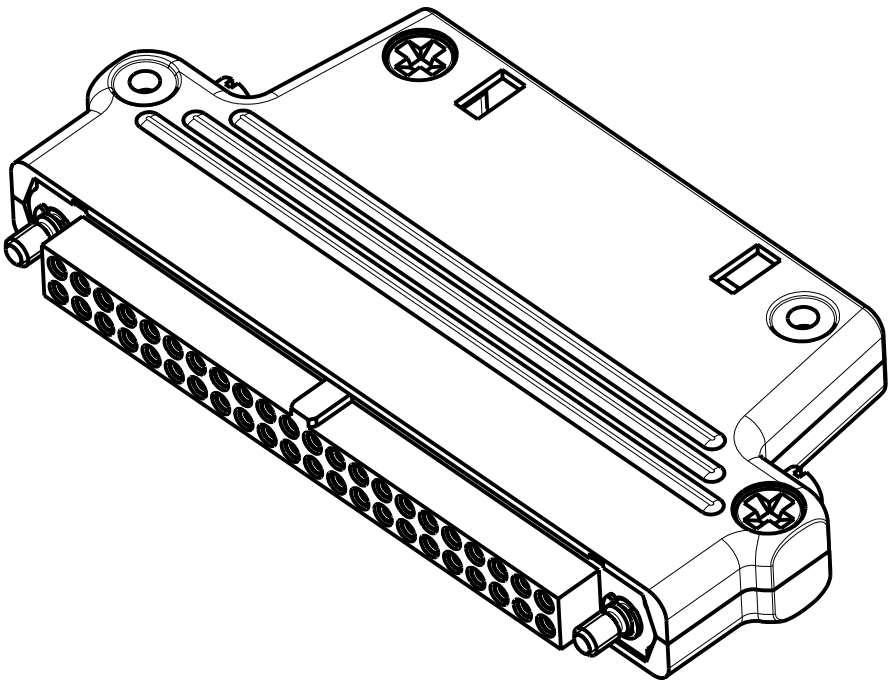
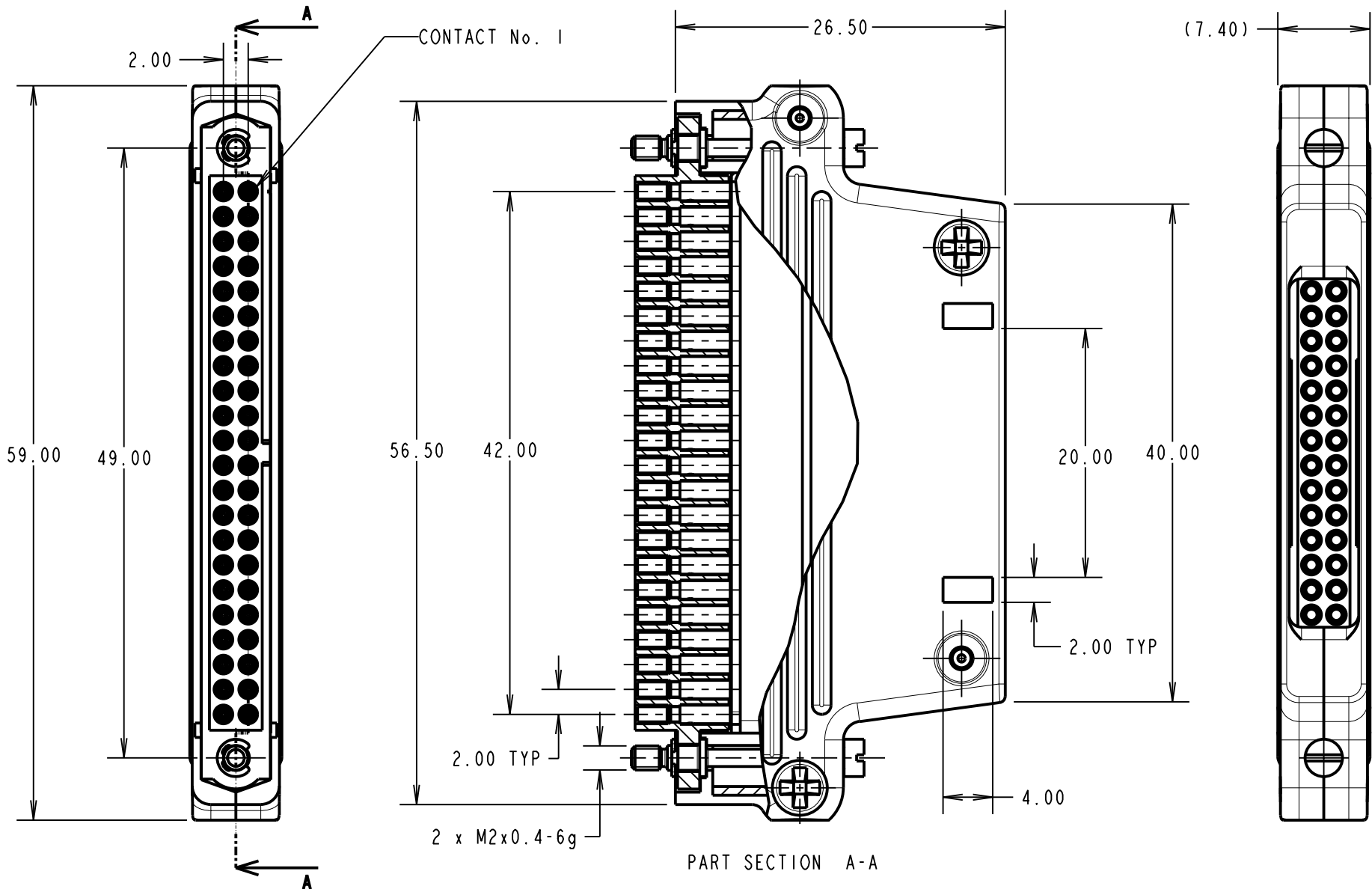
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

CABLE HOOD = 30% GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK

DATAMATE MOULDING = 30% GLASS-FILLED PPS, UL94V-0, BLACK

CONTACT CLIP = BERYLIUM COPPER

CONTACT SHELL = BRASS

JACKSCREW AND CIRCLIP = STAINLESS STEEL

CABLE HOOD FIXING SCREW = MILD STEEL

FINISH:

CONTACT CLIP = 0.3μ GOLD

CONTACT SHELL = 0.25-0.3μ GOLD

CABLE HOOD FIXING SCREW = CHEMI BLACK

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 = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

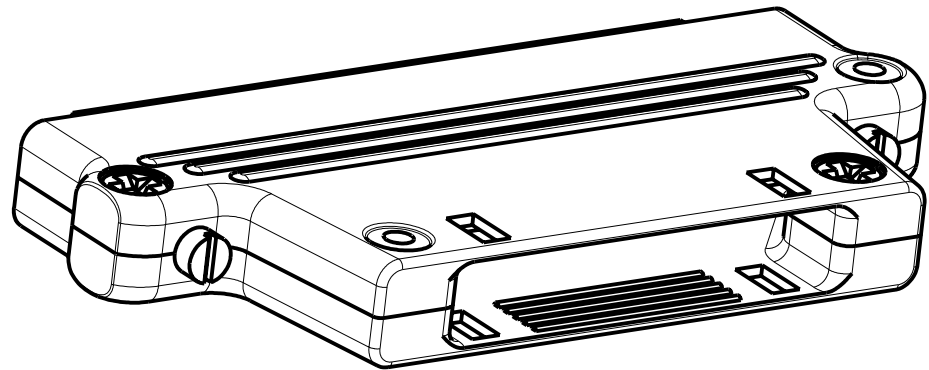
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

BAG

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION CO05XX (LATEST ISSUE).

- NOTES:
- CONNECTORS ARE SUPPLIED WITH CONTACTS, CABLE HOOD SET, AND CABLE HOOD FIXING SCREWS UNASSEMBLED.
 - FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005.
 - RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
 - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747.
 - CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
 - INSTRUCTION SHEETS ARE AVAILABLE.
 - THIS PART IS THE SAME AS M80-9414405 BUT WITH SPECIAL NARROW HOOD.



CP	2	11.11.09	10555
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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				FINISH: SEE ABOVE	DRAWING NUMBER: M80C108448C
					S/AREA: mm ²		

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