

Customer Information Sheet

DRAWING No.: M80-5L11022M5-02-333-02-333

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:

MOULDING: GLASS FILLED PPS, UL94V-0, BLACK

SIGNAL CONTACT: PHOSPHOR BRONZE

POWER CONTACT: COPPER ALLOY

BOARD-MOUNT JACKSCREW, SCREW: STAINLESS STEEL

FINISH:

SIGNAL CONTACT:

0.75 μ GOLD ON CONTACT AREA,
3 μ 90/10 TIN/LEAD ON TAILS

POWER CONTACT: GOLD

ELECTRICAL:

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

INSULATION RESISTANCE = 100M Ω MIN

SIGNAL CONTACT:

CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
CONTACT RESISTANCE = 25m Ω MAX

POWER CONTACT:

CONTACT RESISTANCE 6m Ω MAX
CURRENT RATING = 20A MAX

MECHANICAL:

DURABILITY = 500 OPERATIONS

SIGNAL CONTACT:

INSERTION FORCE = 2.0N MAX
WITHDRAWAL FORCE = 0.2N MIN

POWER CONTACT:

INSERTION FORCE = 8N MAX
WITHDRAWAL FORCE = 0.5N MIN

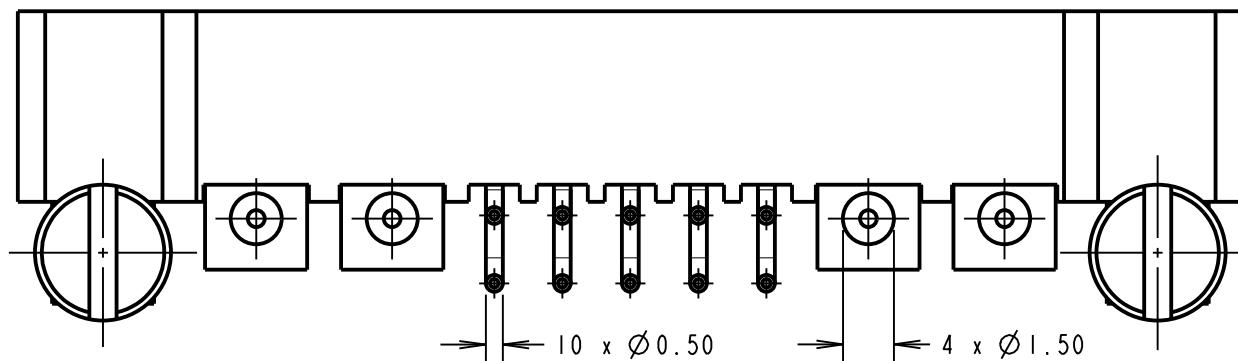
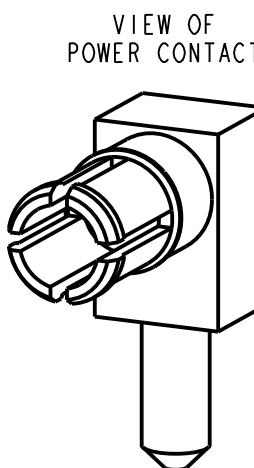
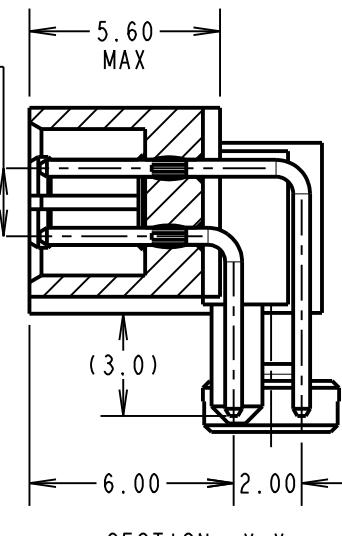
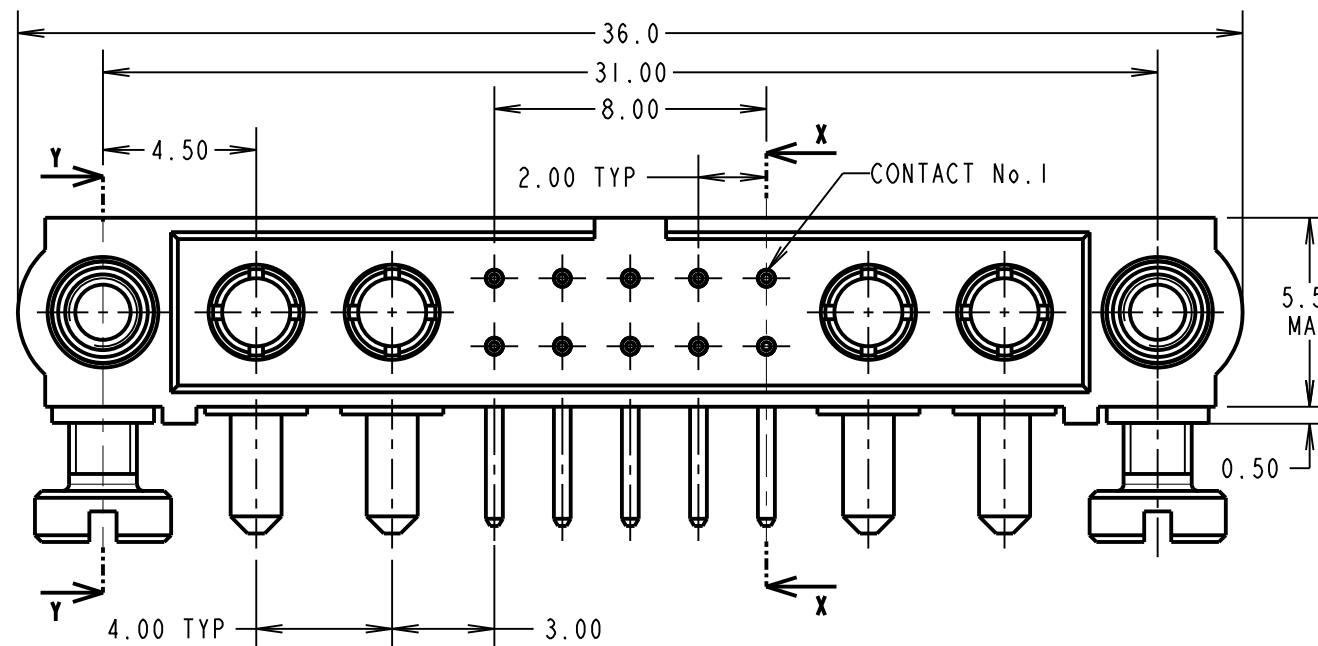
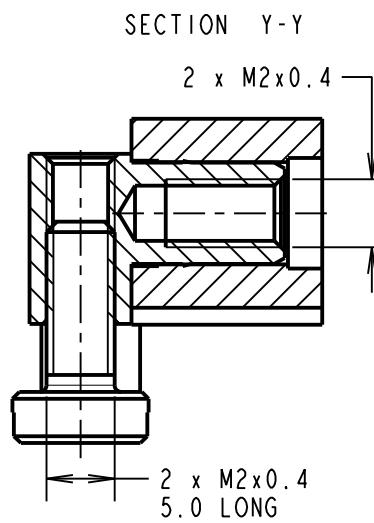
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

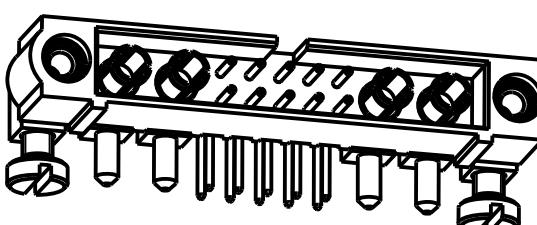
PACKING:

TUBE

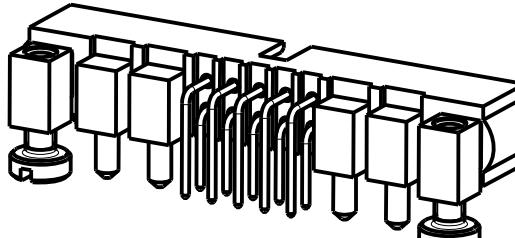
FOR COMPLETE SPECIFICATION SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



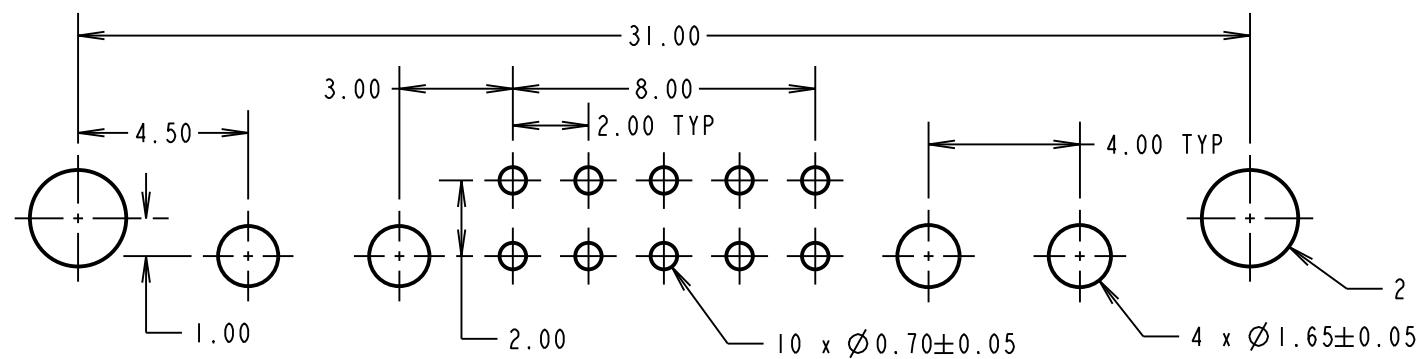
NOTES:
1. CONNECTORS ARE SUPPLIED
WITH SCREWS LOOSE.



COMPLETE ASSEMBLY SHOWN
FOR ILLUSTRATION ONLY.



RECOMMENDED PCB LAYOUT



LS	2	19.10.17	13269
NAME	ISS.	DATE	C/NODE

APPROVED: LS

CHECKED: MGP

DRAWN: R. ADDE

CUSTOMER REF.:

ASSEMBLY DRG:

HARWIN
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technical@harwin.com

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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
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TOLERANCES

X. = ± 1 mm

X.X = ± 0.50 mm

X.XX = ± 0.10 mm

X.XXX = ± 0.01 mm

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:
SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: JACKSCREW DATAMATE
MIXED TECHNOLOGY HORIZONTAL
PC TAIL MALE ASSEMBLY

DRAWING NUMBER:

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