

Customer Information Sheet

DRAWING No.: M80-4C100F2-40-327

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
 Moulding = GLASS-FILLED PPS, UL94V-0, BLACK
 JACKSCREW = STAINLESS STEEL

POWER CONTACT:
 BODY = COPPER ALLOY
 LATCHING COLLAR = BERYLLIUM COPPER

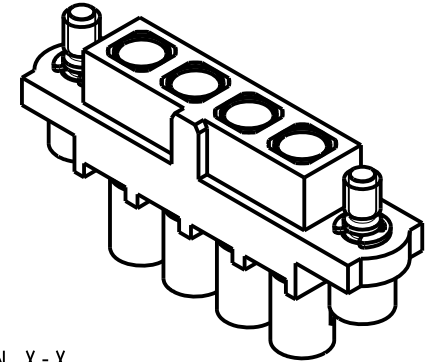
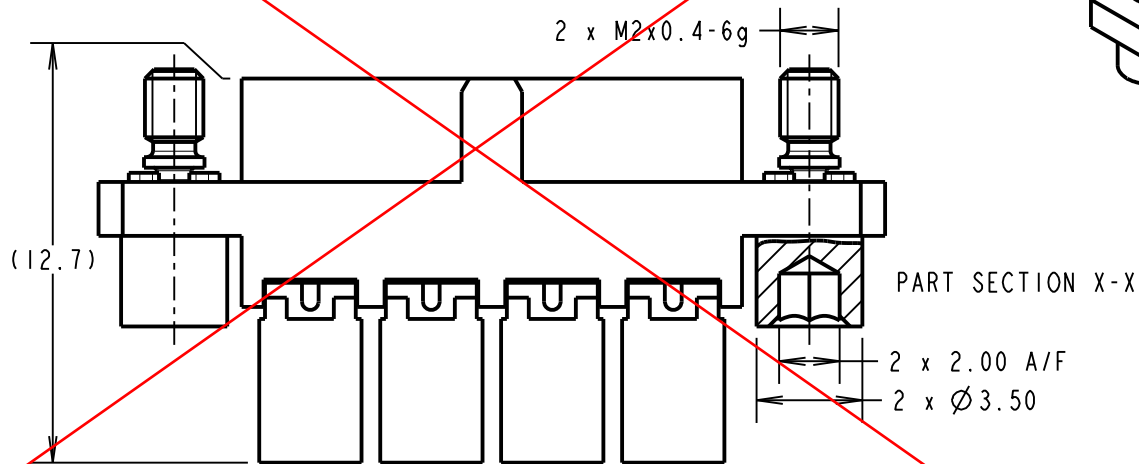
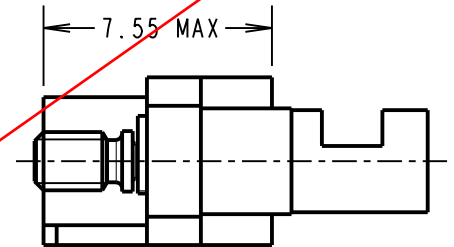
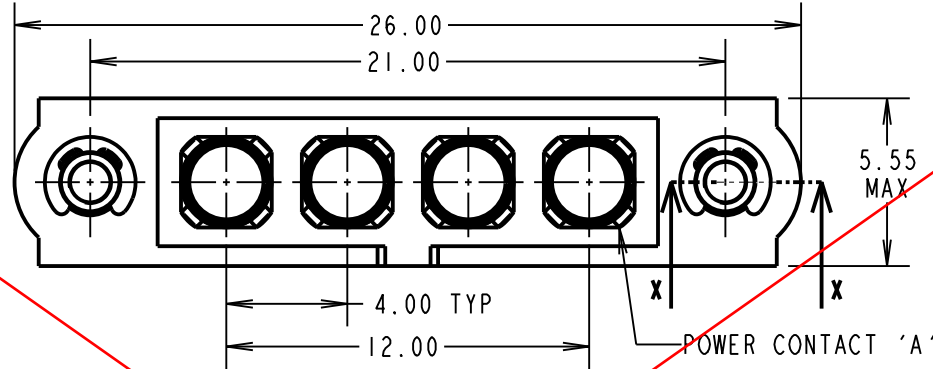
FINISH:
 POWER CONTACT:
 BODY = GOLD
 LATCHING COLLAR = NICKEL

ELECTRICAL:
 POWER CONTACT:
 CURRENT RATING = 10A MAX WITH
 16 AWG CONTACT AS SPECIFIED
 CONTACT RESISTANCE = 6 mΩ MAX
 WORKING VOLTAGE = 120V AC/DC
 VOLTAGE PROOF = 360V AC/DC
 INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:
 DURABILITY = 500 OPERATIONS
 POWER CONTACT:
 INSERTION FORCE = 5N MAX
 WITHDRAWAL FORCE = 0.5N MIN

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

PACKING:
 BAG
 FOR COMPLETE SPECIFICATION, SEE
 COMPONENT SPECIFICATION C005XX
 (LATEST ISSUE)



OBSOLETE

NOTES:

- CONNECTORS ARE SUPPLIED AS KIT OF PARTS:
 Moulding ASSEMBLED WITH JACKSCREWS PLUS
 SEPARATE POWER CONTACTS.
- FOR EXTRA POWER CONTACTS USE PART NUMBER M80-327.
- POWER CONTACT WIRE, STRIP BY 5.00mm MINIMUM.
- INSTRUCTION SHEETS ARE AVAILABLE.

SM	1	25.08.10	10806
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: MARK G PLESTED			
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: JACKSCREW DATAMATE
 MIXED TECHNOLOGY STRAIGHT
 FEMALE ASSEMBLY
DRAWING NUMBER:
M80-4C100F2-40-327