

Customer Information Sheet

DRAWING No.: M80-4C100F1-66-327

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

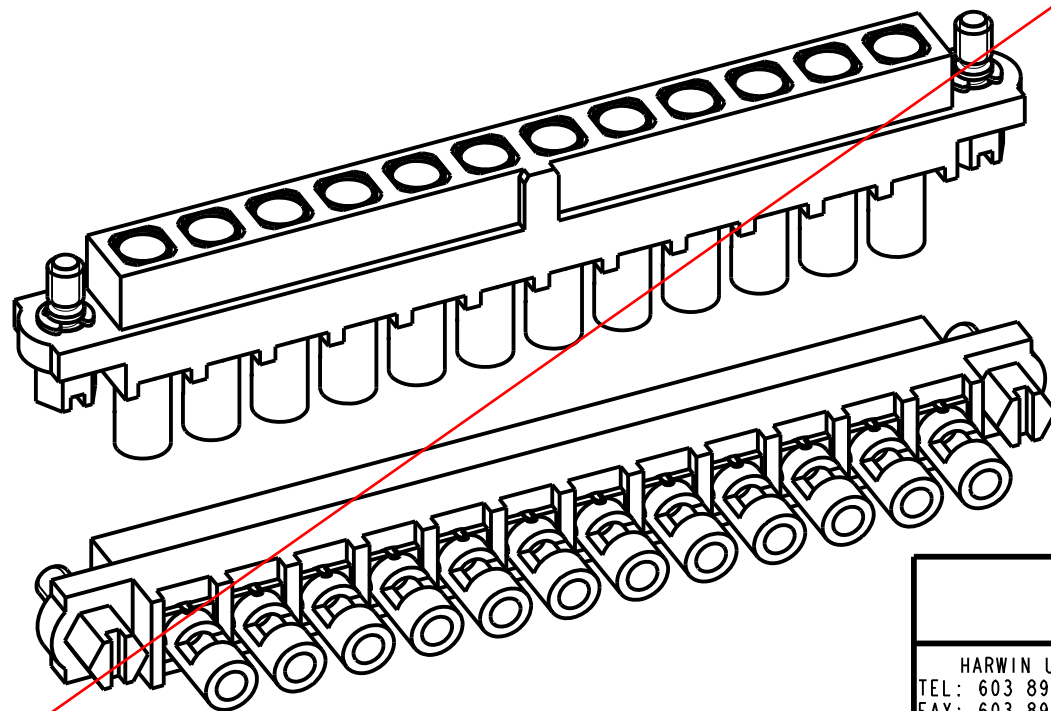
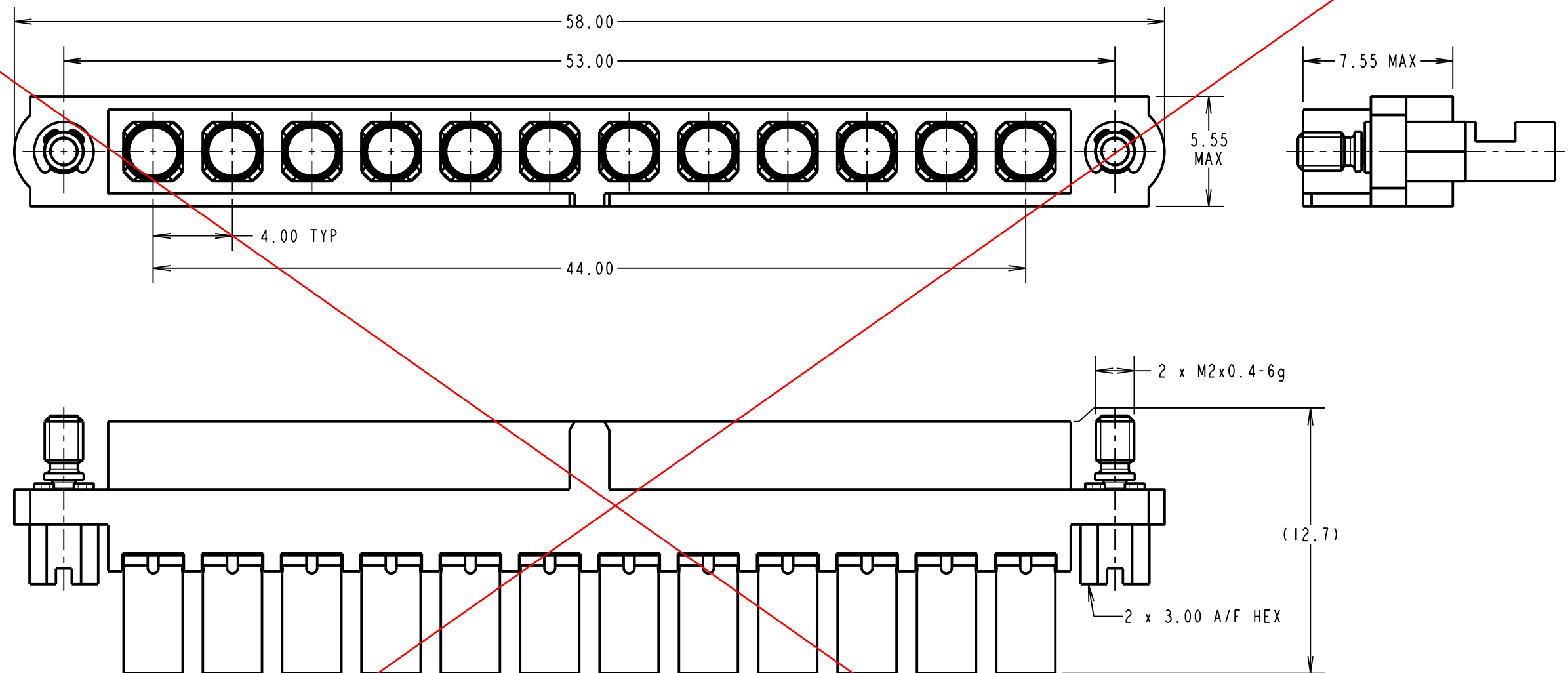
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
 Moulding = GLASS-FILLED PPS, UL94V-0, BLACK
 JACKSCREW, CIRCLIP = 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
 16AWG 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 A KIT OF PARTS. Moulding AND JACKSCREWS ASSEMBLED WITH POWER CONTACTS LOOSE.
- FOR EXTRA POWERT CONTACTS, USE PART NUMBER M80-327.
- POWER CONTACT WIRE, STRIP BY 5.00mm MINIMUM.
- POWER CONTACT EXTRACTION TOOL = Z80-290.
- INSTRUCTION SHEETS ARE AVAILABLE.

SM	1	25.08.10	10806
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APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: B. M. KENT			
CUSTOMER REF.:			
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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 VERTICAL CRIMP FEMALE ASSEMBLY
DRAWING NUMBER: M80-4C100F1-66-327
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