

Customer Information Sheet

DRAWING No.: M22-6053005

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

1. ALL TOLERANCES ARE ± 0.20 UNLESS OTHERWISE STATED.
2. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C039XX (LATEST ISSUE).
3. RECOMMENDED PCB PLATED-THROUGH HOLE SIZE:
 DRILLED HOLE = $\varnothing 1.000 \pm 0.025$ mm,
 PLATING THICKNESSES = 25 μ MIN COPPER, 2.5-5.0 μ NICKEL,
 0.05-0.20 μ GOLD,
 FINAL PLATED HOLE = $\varnothing 0.94-0.85$ mm.
4. CONTACT DEPTH = 2.15mm.

SPECIFICATIONS:

MATERIAL:
 MOULDING = PPS UL94V-0 BLACK
 CONTACTS = PHOSPHOR BRONZE

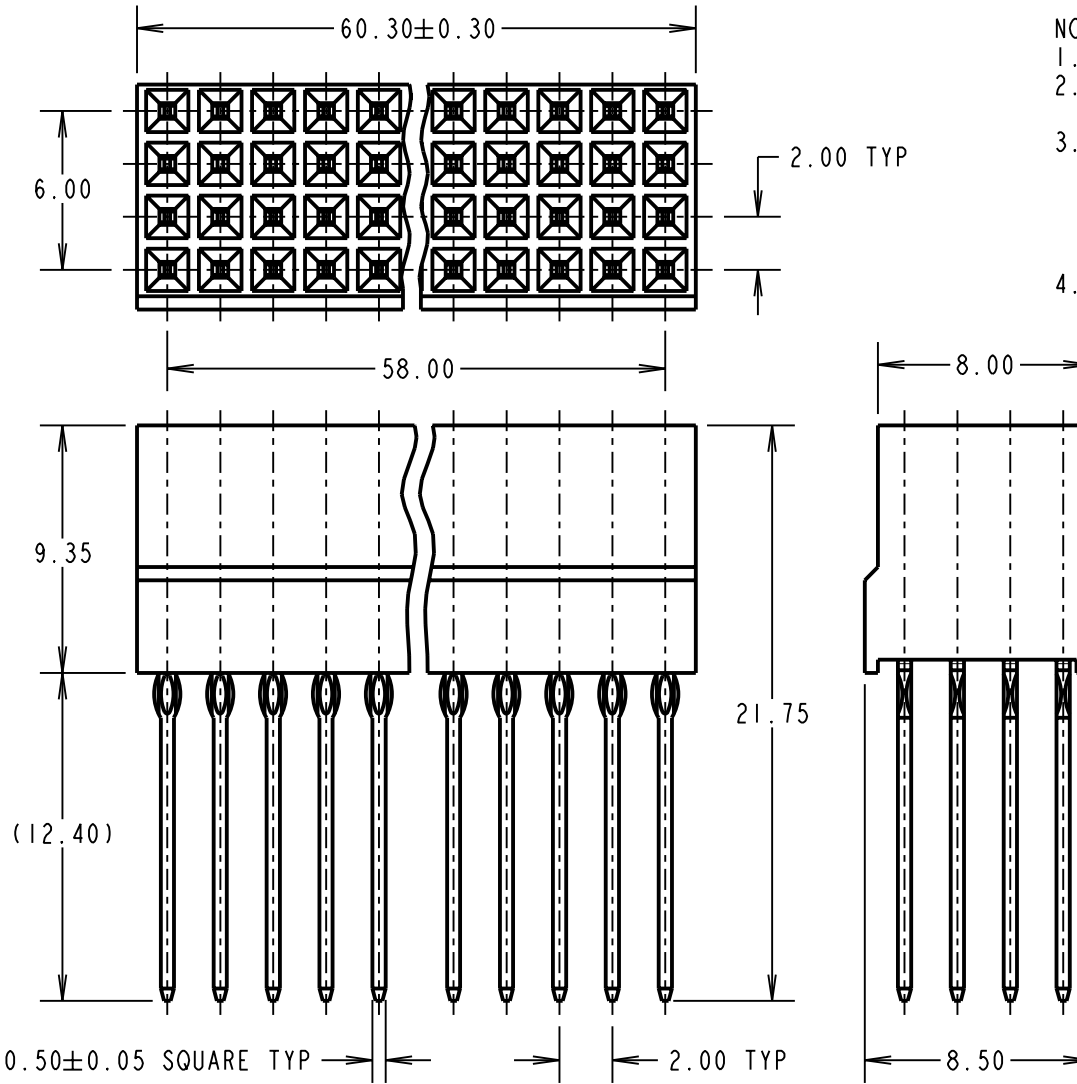
FINISH:
 CONTACTS = 0.25 μ GOLD OVER NICKEL

ELECTRICAL:
 CURRENT RATING = 2 AMPS MAX
 VOLTAGE RATING = 12V DC
 CONTACT RESISTANCE = 30 m Ω MAX, 50 m Ω MAX AFTER CONDITIONING
 INSULATION RESISTANCE = 1,000 M Ω MIN
 DIELECTRIC STRENGTH = 1,000V AC FOR 1 MINUTE

MECHANICAL:
 DURABILITY = 10 OPERATIONS (MATING), 3 OPERATIONS (BOARD)
 INSERTION FORCE (CONTACT) = 1.2N MAX
 WITHDRAWAL FORCE (CONTACT) = 0.2N MIN
 INSERTION FORCE (BOARD) = 59N/PIN MAX
 WITHDRAWAL FORCE (BOARD) = 15N/PIN MAX

ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO +85°C

PACKING:
 TUBE



CP	3	30.11.09	10582
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

~~X. = ±1mm~~
~~X.X = ±0.25mm~~
~~X.XY = ±0.10mm~~
~~X.XXX = ±0.01mm~~

ANGLES = ±5°
 UNLESS STATED

MATERIAL:
 SEE ABOVE

FINISH:
 SEE ABOVE

S/AREA:
 mm²

TITLE:
 PC104 PLUS PRESS-FIT
 CONNECTOR (STACKTHROUGH)

DRAWING NUMBER:
 M22-6053005

SHT
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