

Customer Information Sheet

DRAWING No.: M22-6053005

SHEET 2 OF 2

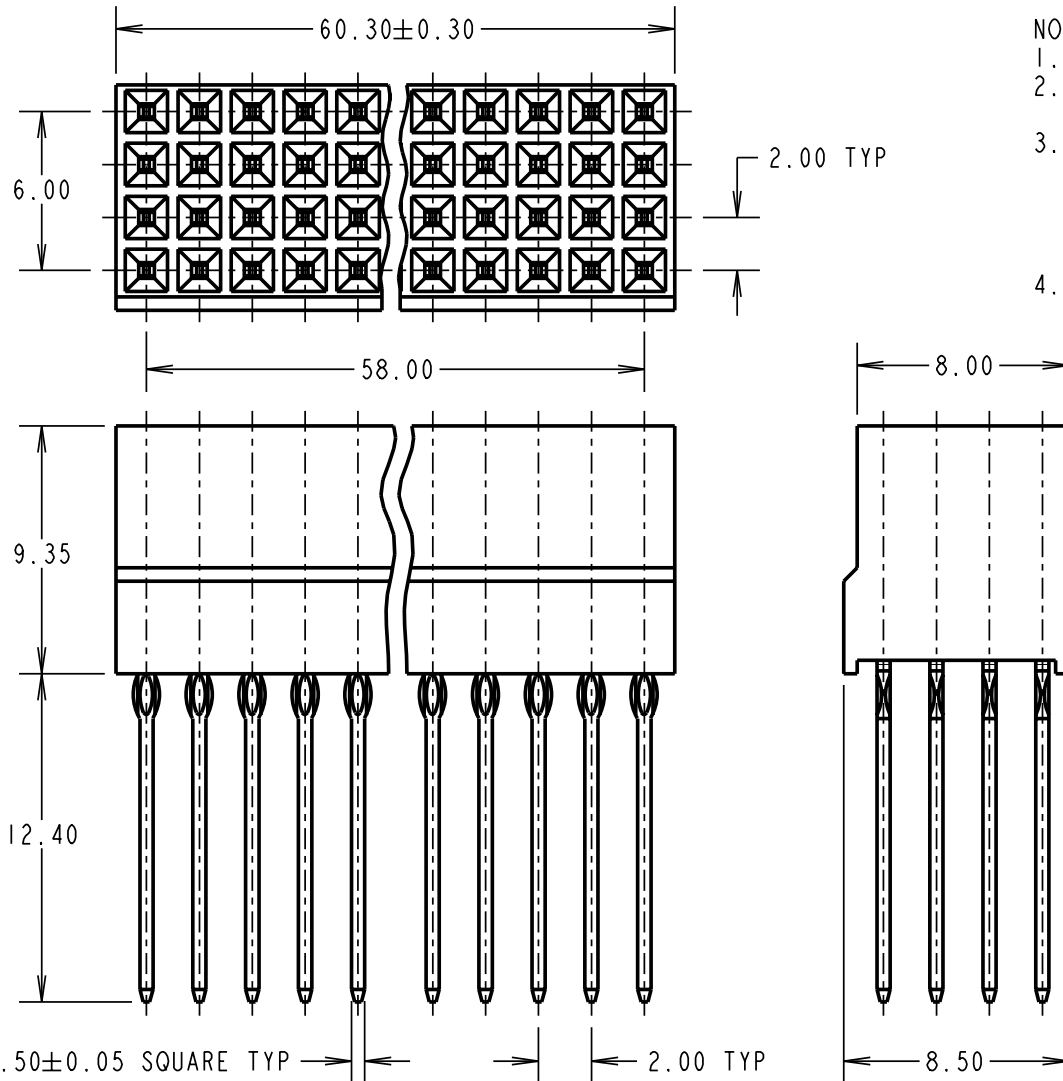
IF IN DOUBT - ASK

(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
 INSULATION RESISTANCE = 1,000 M Ω MIN
 DIELECTRIC STRENGTH = 1,000V AC FOR 1 MINUTE

MECHANICAL:
 DURABILITY = 10 OPERATIONS
 INSERTION FORCE (CONTACT) = 1.2N MAX
 WITHDRAWAL FORCE (CONTACT) = 0.2N MIN
 INSERTION FORCE (BOARD) = 60N MAX

ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +105°C

PACKING:
 TUBE

JWB	2	03.01.03	7224
NAME	ISS.	DATE	C/NOTE
APPROVED: P. D. COLLINS			
CHECKED: M. G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

~~X. = ± 1 mm~~
~~X.X = ± 0.25 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:

PC104 PLUS PRESS-FIT
 CONNECTOR (STACKTHROUGH)

DRAWING NUMBER:

M22-6053005

SHT
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