

Customer Information Sheet

DRAWING No.: M22-6063005

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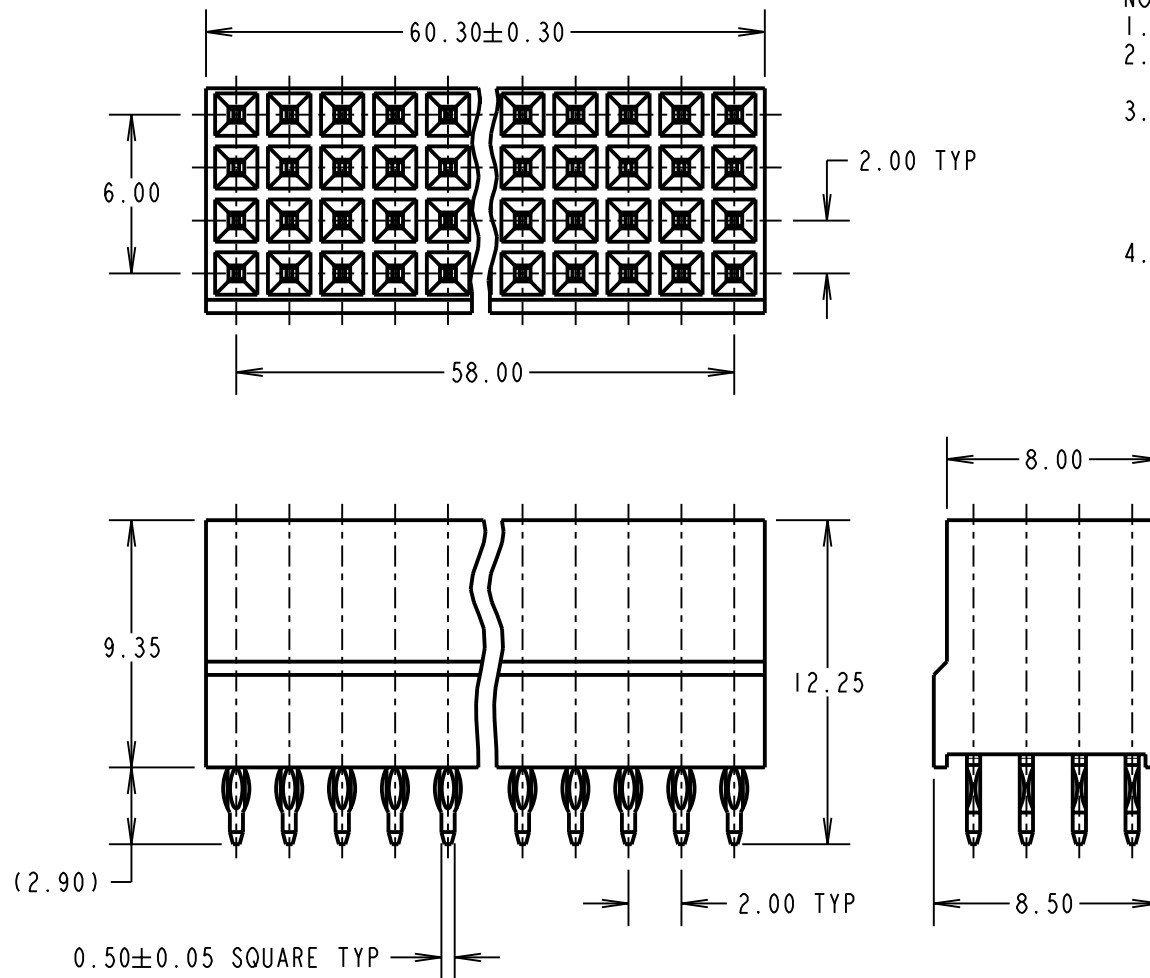
IF IN DOUBT - ASK

(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 = 25μ MIN COPPER, 2.5 - 5.0μ NICKEL,
 0.05 - 0.20μ GOLD,
FINAL PLATED HOLE = $\varnothing 0.94$ - 0.85 mm.
4. CONTACT DEPTH = 2.15 mm.

SPECIFICATIONS:

MATERIAL:

MOULDING = PPS UL94V-0 BLACK

CONTACTS = PHOSPHOR BRONZE

FINISH:

CONTACTS = 0.25μ GOLD OVER NICKEL

ELECTRICAL:

CURRENT RATING = 1 AMP MAX

VOLTAGE RATING = 12V DC

CONTACT RESISTANCE = $30\text{ m}\Omega$ MAX, $50\text{ m}\Omega$ MAX AFTER CONDITIONING

INSULATION RESISTANCE = $5,000\text{ M}\Omega$ MIN

DIELECTRIC STRENGTH = 800V 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 MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO $+85^\circ\text{C}$

PACKING:

TUBE

CP	2	30.11.09	10582
NAME	ISS.	DATE	C/NOTE
APPROVED: C. PENROSE			
CHECKED: R. ADDE			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

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

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

PCI04 PLUS PRESS-FIT
CONNECTOR (NON-STACKTHROUGH)

DRAWING NUMBER:

M22-6063005

SHT
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