

Customer Information Sheet

DRAWING No.: M22-6053005

SHEET 2 OF 2

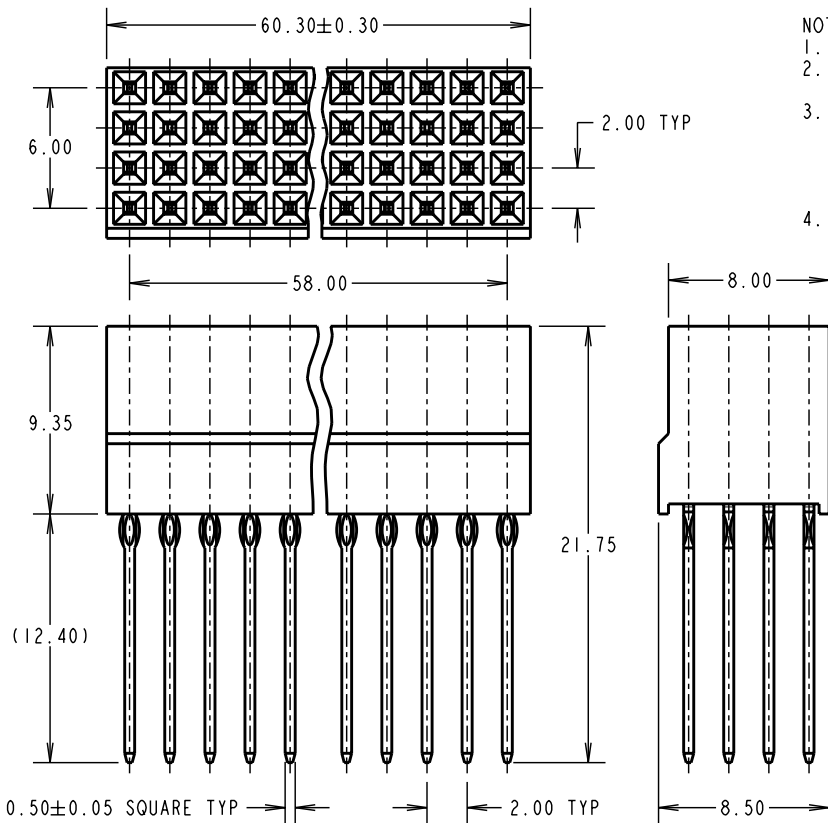
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

- ALL TOLERANCES ARE ± 0.20 UNLESS OTHERWISE STATED.
- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C039XX (LATEST ISSUE).
- RECOMMENDED PCB PLATED-THROUGH HOLE SIZE:
 DRILLED HOLE = $\varnothing 1.000 \pm 0.025$ mm,
 PLATING THICKNESSES = 25μ MIN COPPER, $2.5-5.0\mu$ NICKEL,
 $0.05-0.20\mu$ GOLD,
 FINAL PLATED HOLE = $\varnothing 0.94-0.85$ mm.
- 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 = 2 AMPS MAX
 VOLTAGE RATING = 12V DC
 CONTACT RESISTANCE = $30\text{ m}\Omega$ MAX, $50\text{ m}\Omega$ MAX AFTER CONDITIONING
 INSULATION RESISTANCE = $1,000\text{ M}\Omega$ 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 $+85^\circ\text{C}$

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:			

HARWIN

HARWIN USA
 TEL: 603 893 5376
 FAX: 603 893 5396
 mis@harwin.com

HARWIN Europe (UK)
 TEL: 023 9231 4545
 FAX: 023 9231 4590
 mis@harwin.co.uk

HARWIN Asia
 TEL: +65 6 779 4909
 FAX: +65 6 779 3868
 mis@harwin.com.sg

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

TOLERANCES
~~X. = ± 1 mm~~
~~X.X = ± 0.25 mm~~
~~X.XX = ± 0.10 mm~~
~~X.XXX = ± 0.05 mm~~
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL:
 SEE ABOVE

FINISH:
 SEE ABOVE

S/AREA:
 mm²

TITLE:
 PCI04 PLUS PRESS-FIT
 CONNECTOR (STACKTHROUGH)

DRAWING NUMBER:
M22-6053005

SHT
 2
 OF 2