

Customer Information Sheet

DRAWING No.: M20-616XX05

SHEET 2 OF 2

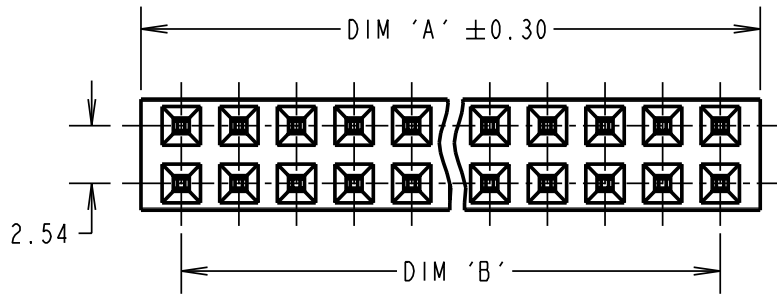
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

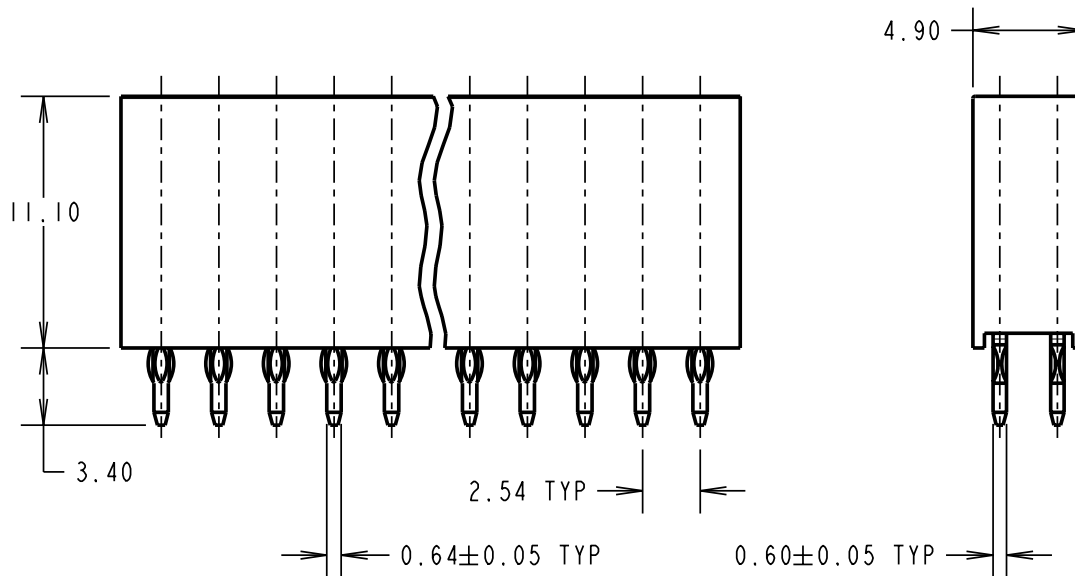
ALL DIMENSIONS IN mm



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 = $\phi 1.15 \pm 0.02$ mm,
 PLATING THICKNESSES = 25-75 μ COPPER, 3 μ MIN NICKEL/GOLD,
 FINAL PLATED HOLE = $\phi 1.09$ -1.00mm.
4. CONTACT DEPTH = 2.63mm.

PART No.	No. OF WAYS	DIM 'A'	DIM 'B'
M20-6162005	20+20	51.80	48.26
M20-6163205	32+32	82.30	78.74



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 = 500V AC FOR 1 MINUTE
 MECHANICAL:
 DURABILITY = 10 OPERATIONS
 INSERTION FORCE (CONTACT) = 1.5N MAX
 WITHDRAWAL FORCE (CONTACT) = 0.25N MIN
 INSERTION FORCE (BOARD) = 60N MAX
 ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +105°C
 PACKING:
 TUBE

ORDER CODE:
M20-616XX05
 No. OF WAYS PER ROW
 20, 32

WJB	1	10.12.02	----
NAME	ISS.	DATE	C/NOTE
APPROVED: P. D. COLLINS			
CHECKED: M. G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN INC
 U.S.A.
 TEL: (812) 542 2546
 FAX: (812) 542 2541

HARWIN PLC
 U.K.
 TEL: 023 9237 0451
 FAX: 023 9231 4590

HARWIN PTE
 SINGAPORE
 TEL: 65 6779 4909
 FAX: 65 6779 3868

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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:
 PCI04 PRESS-FIT CONNECTOR
 (NON-STACKTHROUGH)
 DRAWING NUMBER:
M20-616XX05
 SHT
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