

Customer Information Sheet

DRAWING No.: M20-616XX05

SHEET 2 OF 2

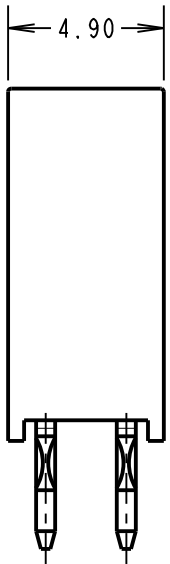
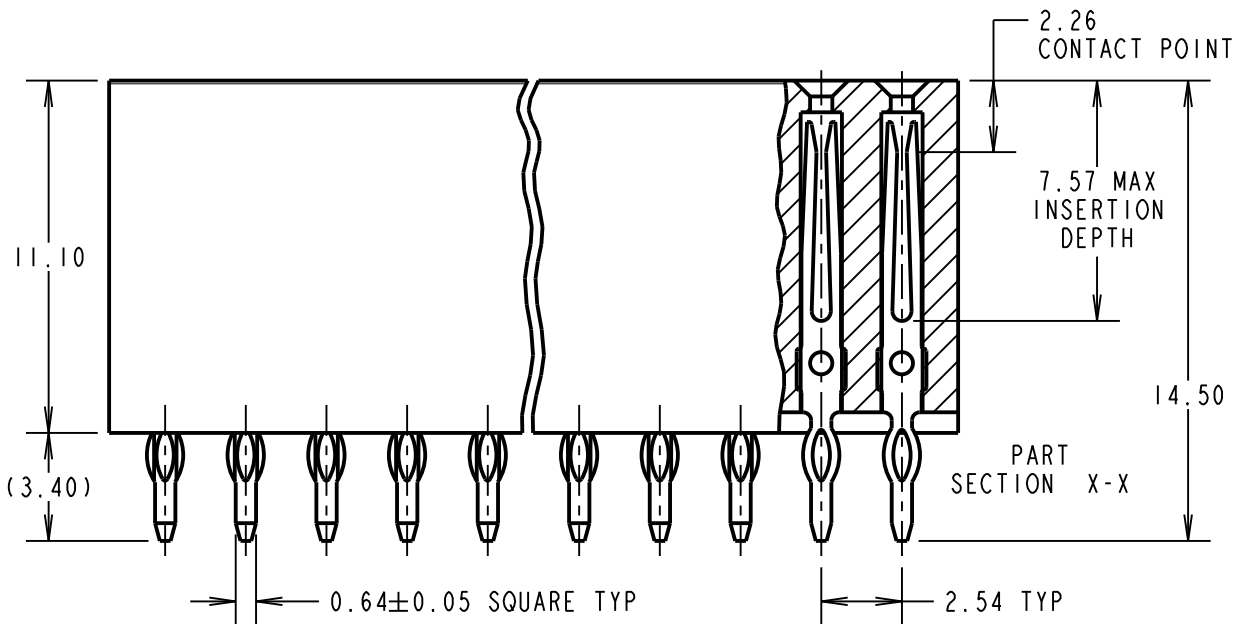
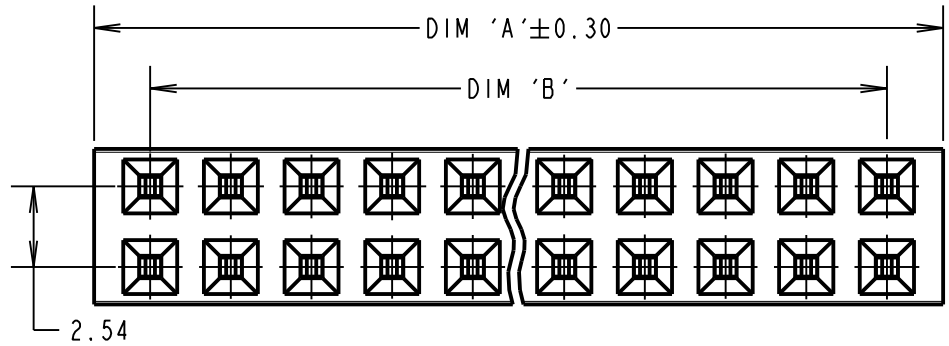
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

- ALL TOLERANCES ARE ± 0.20 UNLESS OTHERWISE STATED.
- RECOMMENDED PCB PLATED-THROUGH HOLE SIZE:
DRILLED HOLE = $\varnothing 1.15 \pm 0.02$ mm,
PLATING THICKNESSES = 25-75 μ COPPER, 3 μ MIN NICKEL/GOLD,
FINAL PLATED HOLE = $\varnothing 1.09$ -1.00mm.

SPECIFICATIONS:

MATERIAL:

MOULDING = PPS UL94V-0 BLACK
CONTACTS = PHOSPHOR BRONZE

FINISH:

CONTACTS = 0.25 μ GOLD OVER NICKEL

ELECTRICAL:

CURRENT RATING = 1A MAX
VOLTAGE RATING = 12V DC
CONTACT RESISTANCE = 30m Ω MAX
INSULATION RESISTANCE = 5,000M Ω MIN
DIELECTRIC STRENGTH = 1000V AC FOR ONE MINUTE

MECHANICAL:

DURABILITY = 10 OPERATIONS (MATING), 3 OPERATIONS (BOARD)
INSERTION FORCE (MATING) = 2N/PIN MAX
WITHDRAWAL FORCE (MATING) = 0.25N PIN
INSERTION FORCE (BOARD) = 80N/PIN MAX
WITHDRAWAL FORCE (BOARD) = 20N/PIN

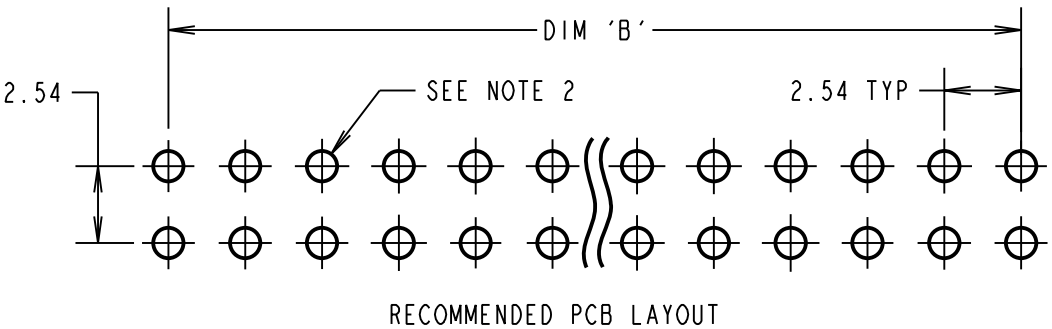
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +105°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C039XX (LATEST ISSUE)



PART No.	No. OF WAYS	DIM 'A'	DIM 'B'
M20-6162005	20+20	51.82	48.26
M20-6163205	32+32	82.30	78.74

ORDER CODE:

M22-616XX05

No. OF CONTACTS PER ROW:
20, 32

FINISH:
05 = GOLD ALL OVER NICKEL

SB	3	09.10.13	12212
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.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 PRESS-FIT CONNECTOR
(NON-STACKTHROUGH)

DRAWING NUMBER:

M20-616XX05

SHT
2 OF 2

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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