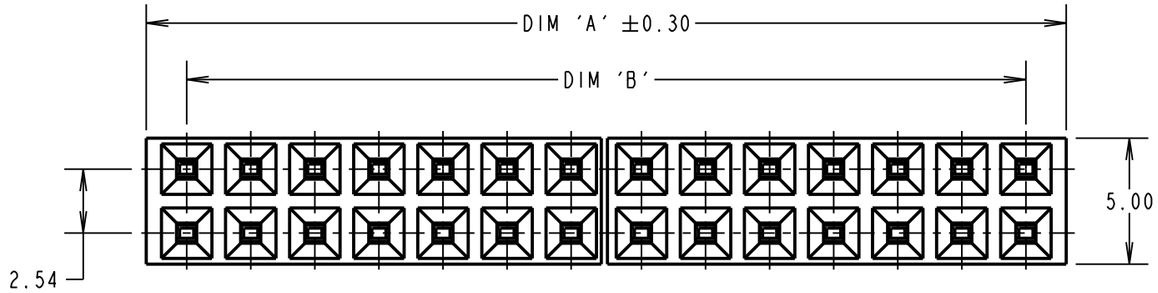
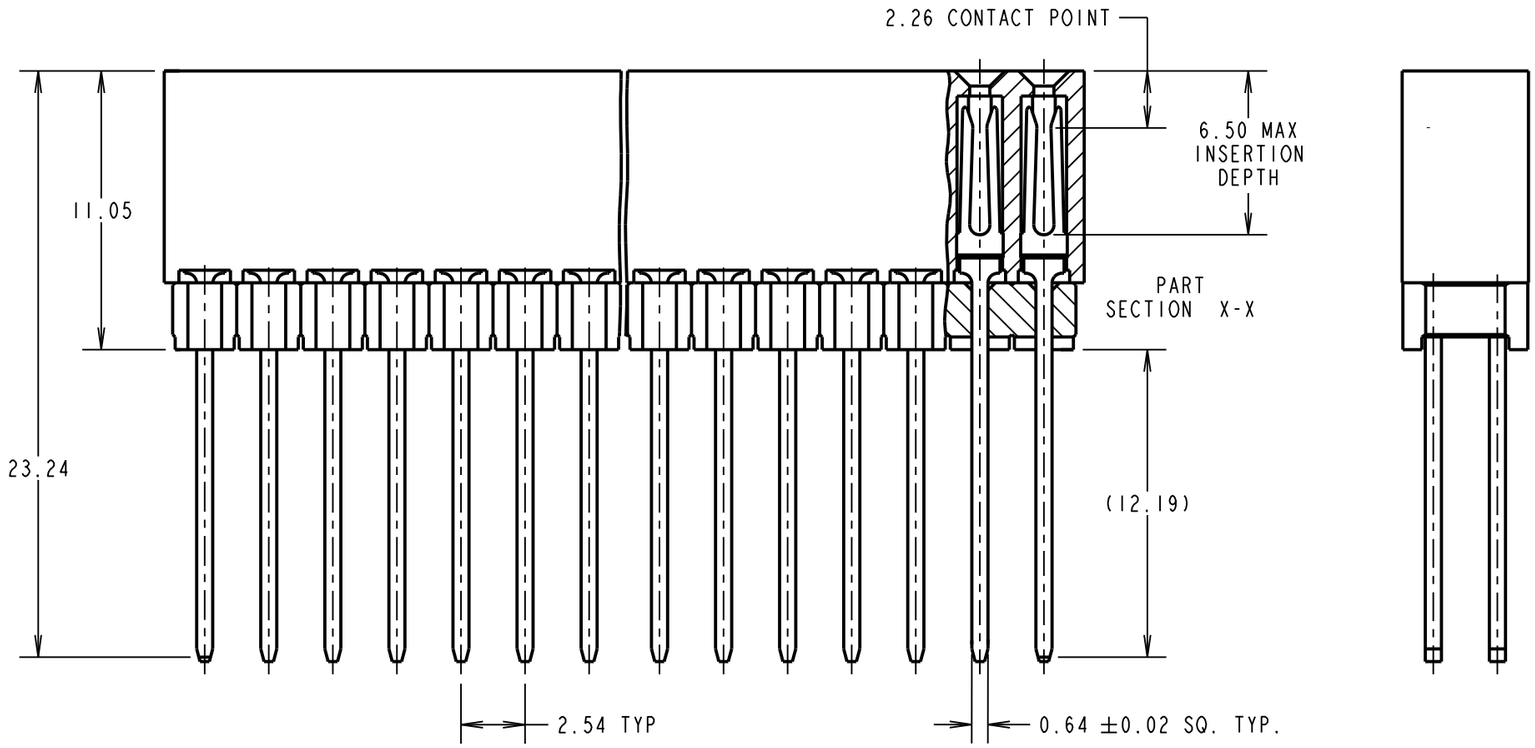
Customer Information Sheet

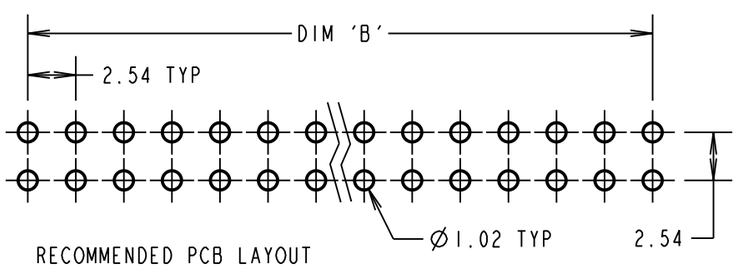
DRAWING No.: M20-610XX45	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm





NOTES:
1. ALL TOLERANCES ARE ±0.20 UNLESS OTHERWISE STATED.

SPECIFICATION:
MATERIAL:
MOULDING = HIGH TEMP NYLON 6T UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
FINISH:
CONTACTS = 0.08µm GOLD OVER NICKEL
ELECTRICAL:
CURRENT RATING = 3A MAX
CONTACT RESISTANCE = 30mΩ MAX
INSULATION RESISTANCE = 5,000MΩ MIN
VOLTAGE PROOF = 1,000V AC FOR ONE MINUTE
MECHANICAL:
INSERTION FORCE (PER CONTACT) = 2.0N/MAX
WITHDRAWAL FORCE (PER CONTACT) = 0.3N MIN
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +105°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATIONS, SEE COMPONENT SPECIFICATION C039XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT

No. OF CONTACTS PER ROW	DIM 'A'	DIM 'B'
20	51.46	48.26
32	81.94	78.74

ORDER CODE:
M20-610XX45
No. OF CONTACTS PER ROW:
20, 32
FINISH:
45 = GOLD ALL OVER NICKEL

FM	13	16.04.18	21227
NAME	ISS.	DATE	C/NOTE

APPROVED: F. MCGOWAN
CHECKED: M. PLESTED
DRAWN: W.J.BOURNE
CUSTOMER REF.:
ASSEMBLY DRG:

HARWIN
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technical@harwin.com

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TOLERANCES
X = ±1mm
X.X = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: PC104 CONNECTOR (STACKTHROUGH)
DRAWING NUMBER: M20-610XX45
SHT 2 OF 2