

Customer Information Sheet

DRAWING No.: M20-615XX05

SHEET 2 OF 2

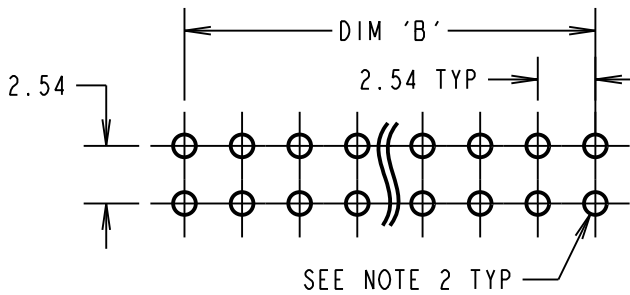
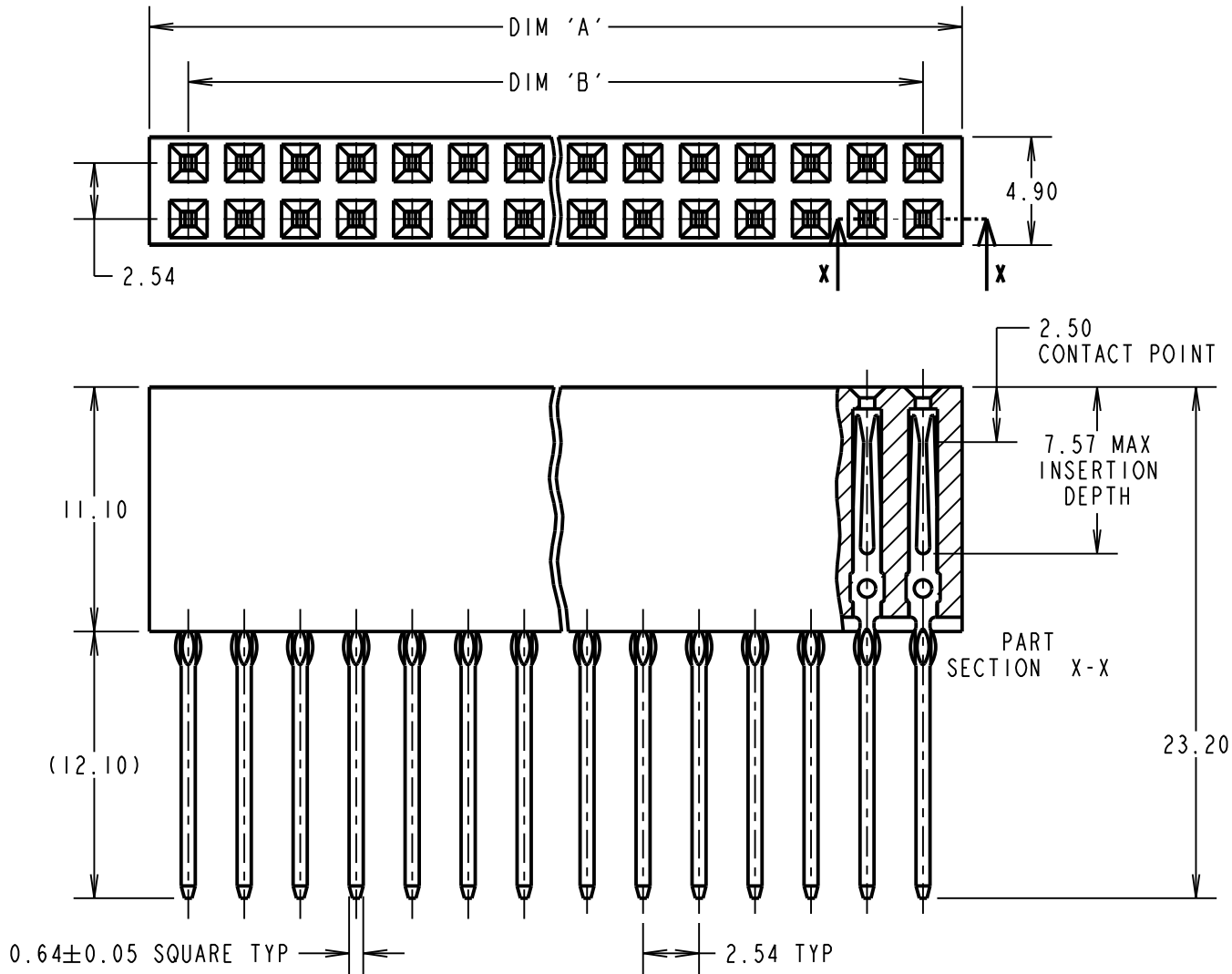
IF IN DOUBT - ASK

©

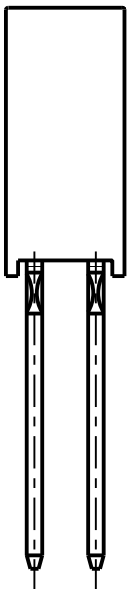
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

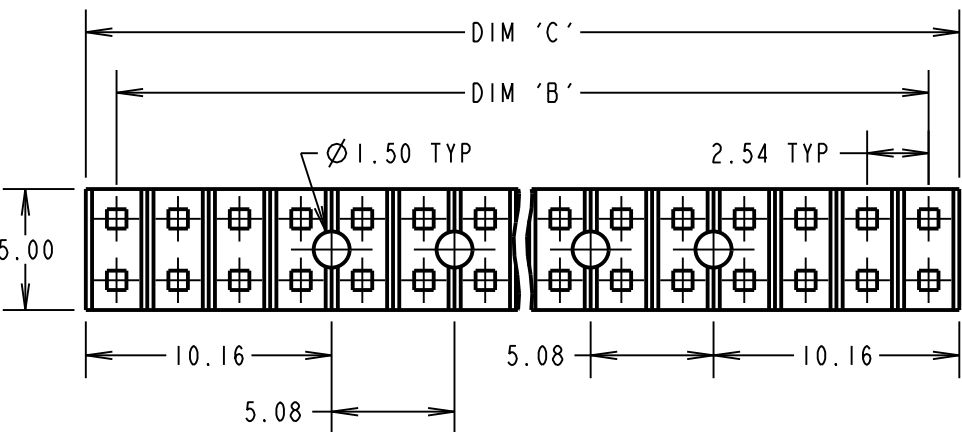


CONNECTOR DETAIL

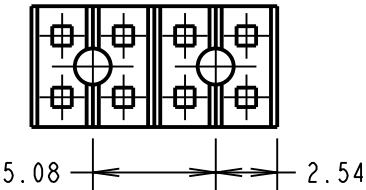


SPECIFICATIONS:
MATERIAL:
MOULDING = PPS UL94V-0 BLACK
CONTACTS = PHOSPHOR BRONZE
FINISH:
CONTACTS = 0.25µ GOLD OVER NICKEL
ELECTRICAL:
CURRENT RATING = 1A MAX
CONTACT RESISTANCE = 30mΩ MAX
INSULATION RESISTANCE = 5,000 MΩ MIN
DIELECTRIC STRENGTH = 1000V AC FOR ONE MINUTE
MECHANICAL:
DURABILITY = 10 OPERATIONS
INSERTION FORCE (CONTACT) = 2N/PIN MAX
WITHDRAWAL FORCE (CONTACT) = 0.25N/PIN MIN
INSERTION FORCE (BOARD) = 80N/PIN MAX
WITHDRAWAL FORCE (BOARD) = 20N/PIN MIN
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +105°C
PACKING:
TUBE FOR CONNECTOR & PLASTIC BAG FOR SPACER
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C039XX (LATEST ISSUE)

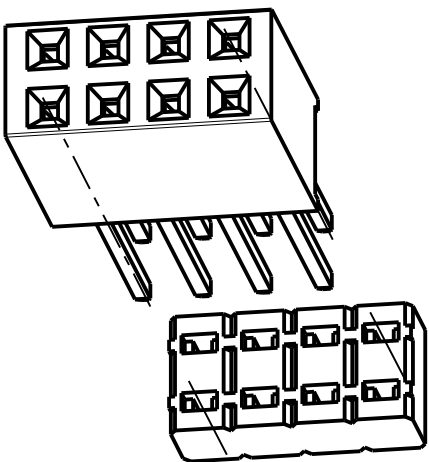
NOTES:
1. ALL TOLERANCES ARE ±0.20 UNLESS OTHERWISE STATED.
2. RECOMMENDED PCB PLATED-THROUGH HOLE SIZE:
DRILLED HOLE = Ø1.15±0.02mm,
PLATING THICKNESSES = 25-75µ COPPER, 3µ MIN NICKEL/GOLD,
FINAL PLATED HOLE = Ø1.09-1.00mm.



HOLE DETAIL FOR 04 CONTACT PER ROW SPACER



SPACER DETAIL



CONNECTOR/SPACER COMPONENT (04 SIZE SHOWN)

PART No.	No. OF CONTACTS PER ROW	DIM 'A'	DIM 'B'	DIM 'C'
M20-6150405	04	11.18	7.62	10.16
M20-6152005	20	51.82	48.26	50.80
M20-6153205	32	82.30	78.74	81.28

ORDER CODE:
M22-615XX05

No. OF CONTACTS PER ROW:
04, 20, 32

FINISH:
05 = GOLD ALL OVER NICKEL

SB	9	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. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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

TITLE:
PCI04 PRESS-FIT CONNECTOR & SPACER (STACKTHROUGH)

DRAWING NUMBER:
M20-615XX05

SHT
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