

# Customer Information Sheet

DRAWING No.: M20-610XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

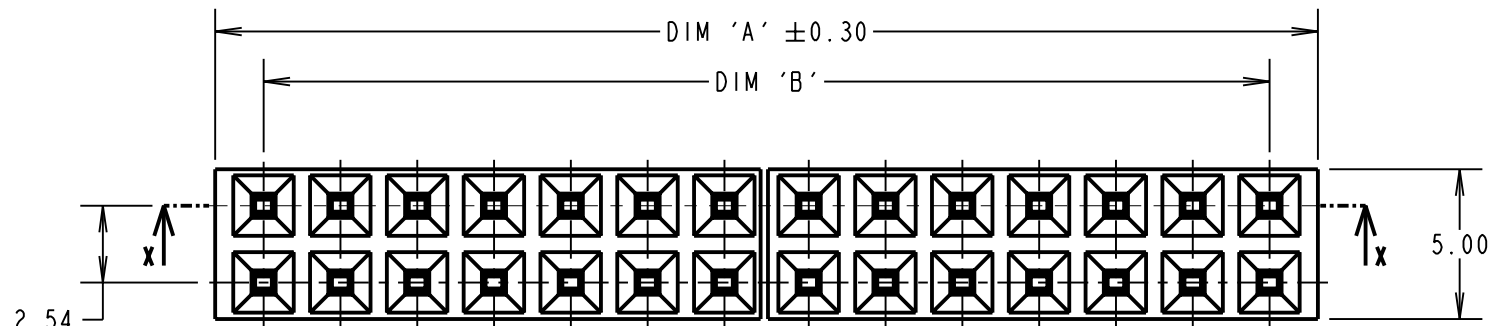
(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

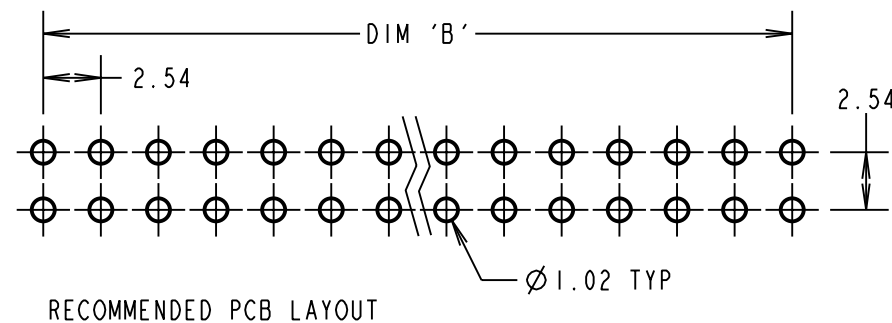
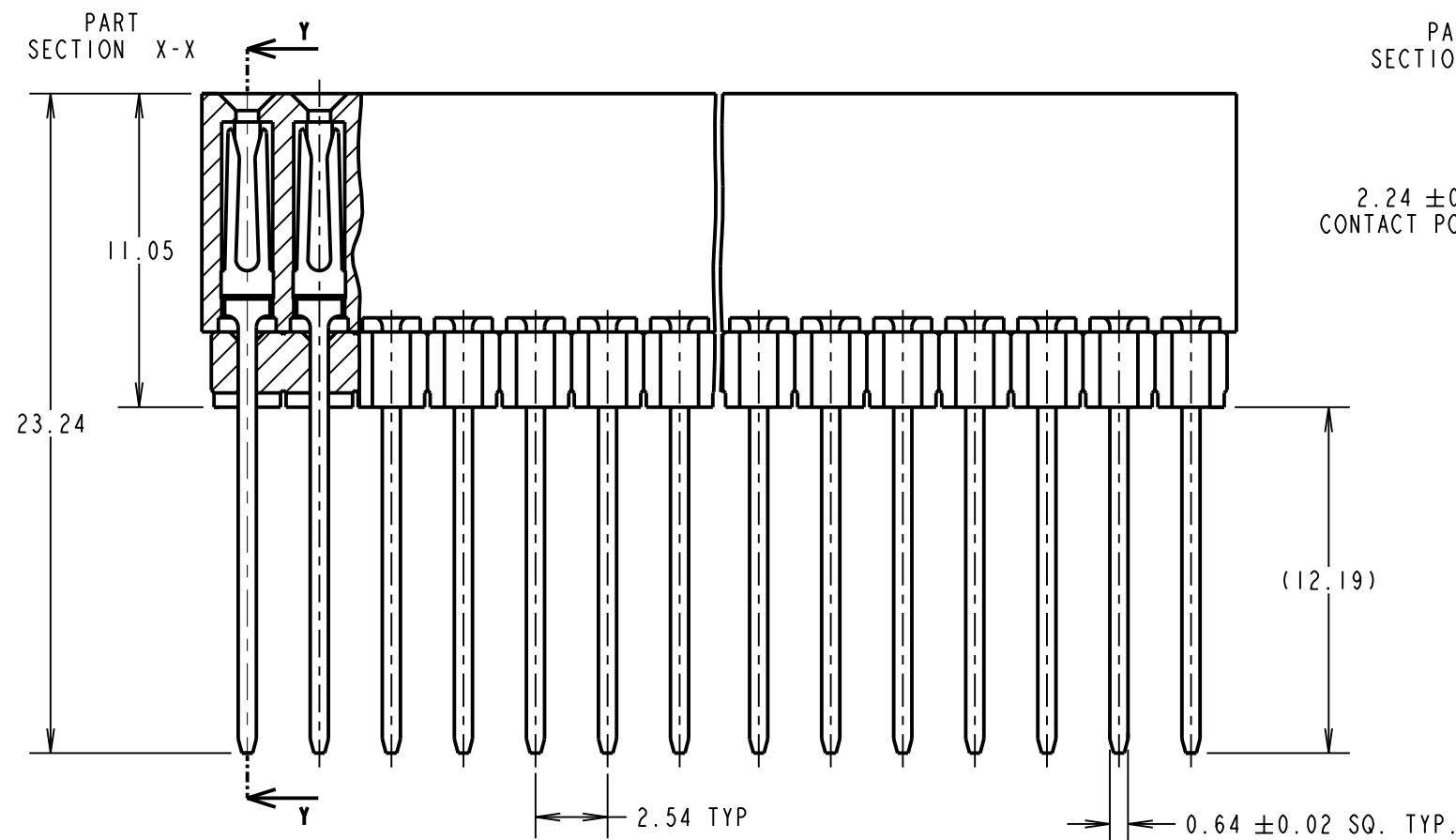
ALL DIMENSIONS IN mm

NOTES:  
1. ALL TOLERANCES ARE  $\pm 0.20$  UNLESS OTHERWISE STATED.



**SPECIFICATION:**

**MATERIAL:**  
 MOULDING (05 FINISH) = GLASS FILLED PBT UL94V-0 BLACK  
 MOULDING (45 FINISH) = HIGH TEMP NYLON 6T UL94V-0, BLACK  
 CONTACTS = PHOSPHOR BRONZE  
**FINISH:**  
 CONTACTS = 0.08 $\mu$  GOLD OVER NICKEL  
**ELECTRICAL:**  
 CURRENT RATING = 3A MAX  
 CONTACT RESISTANCE = 30 MILLIOHMS MAX  
 INSULATION RESISTANCE = 5,000 MEGOHMS MIN  
 VOLTAGE PROOF = 1,000V AC FOR 1 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



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

ORDER CODE:  
**M20-610XXXX**  
 No. OF WAYS PER ROW  
 20, 32  
 FINISH:  
 05 = GOLD  
 45 = GOLD (RoHS COMPLIANT)

CP	10	24.06.10	10845
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
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**TOLERANCES**  
 X. =  $\pm 1$ mm  
 X.X =  $\pm 0.25$ mm  
 X.XX =  $\pm 0.10$ mm  
 X.XXX =  $\pm 0.01$ mm  
 ANGLES =  $\pm 5^\circ$   
 UNLESS STATED

**MATERIAL:**  
 SEE ABOVE  
**FINISH:**  
 SEE ABOVE  
**S/AREA:**  
 mm<sup>2</sup>

**TITLE:**  
 PCI04 CONNECTOR (STACKTHROUGH)  
**DRAWING NUMBER:**  
**M20-610XXXX**  
 SHT 2 OF 2