

# Customer Information Sheet

DRAWING No.: M20-E01XXXX

SHEET 2 OF 2

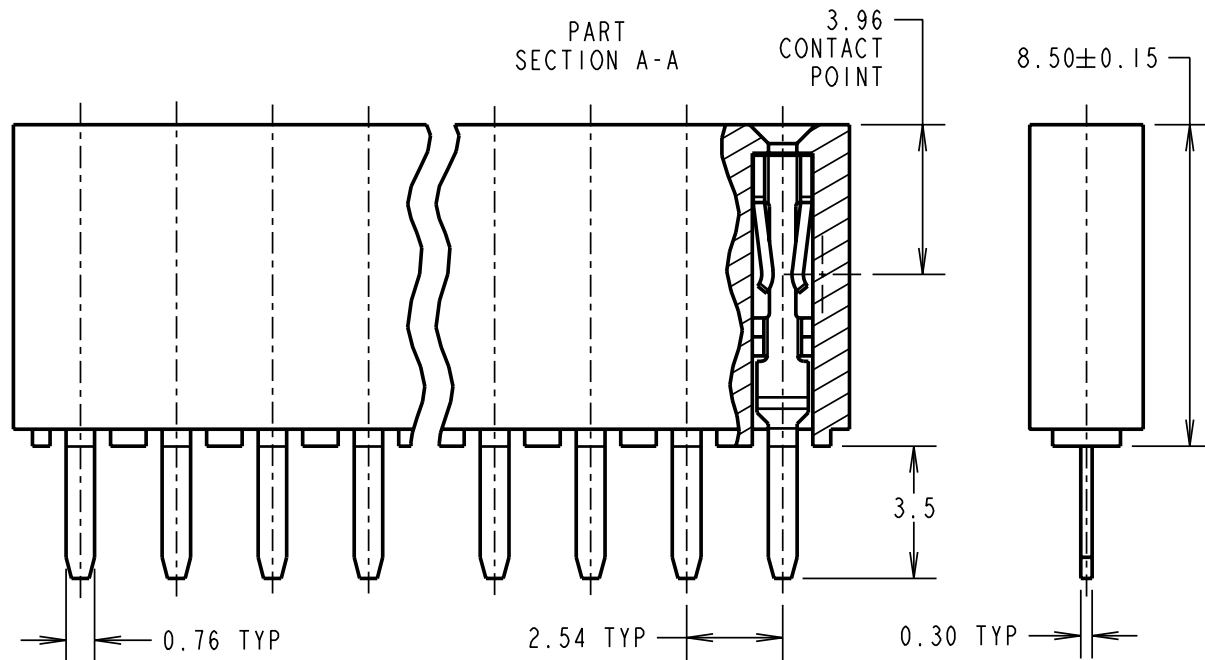
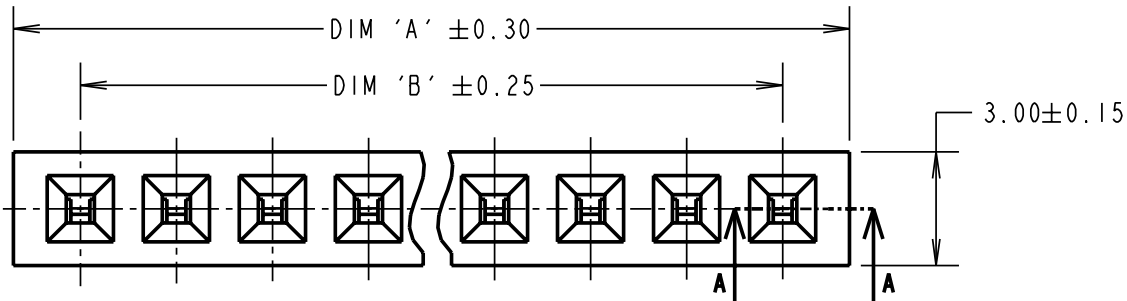
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'
M20-E0102XX	2	6.08	2.54
M20-E0103XX	3	8.62	5.08
M20-E0104XX	4	11.16	7.62
M20-E0105XX	5	13.70	10.16
M20-E0110XX	10	26.40	22.86

**SPECIFICATIONS:**

**MATERIAL:**

MOULDING = 30% GLASS-FILLED PA6T, UL94V-0, BLACK  
CONTACT = PHOSPHOR BRONZE

**FINISH:**

CONTACT = 100% TIN OVER NICKEL

**ELECTRICAL:**

CURRENT RATING = 3A  
VOLTAGE RATING = 500V AC/DC  
CONTACT RESISTANCE:  
INITIAL = 20mΩ MAX  
AFTER CONDITIONING = 30mΩ MAX  
INSULATION RESISTANCE = 1,000MΩ MIN  
DIELECTRIC STRENGTH = 1,000V AC / 1 MINUTE

**MECHANICAL:**

DURABILITY = 300 OPERATIONS  
INSERTION FORCE = 3N MAX  
WITHDRAWAL FORCE = 0.3N MIN

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**

BOX (2-WAY), TUBE

**Asia only**

NOTES:  
1. RECOMMENDED PCB HOLE SIZE =  $\varnothing 1.02 \pm 0.05$ mm.

ORDER CODE:

**M20-E01XXXX**

No. OF CONTACTS PER ROW  
02, 03, 04, 05, 10

FINISH  
46 = 100% TIN

WJB	1	08.02.08	----
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M. G. 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:**

mm<sup>2</sup>

**TITLE:**

2.54mm PITCH SIL VERTICAL SOCKET ASSEMBLY

**DRAWING NUMBER:**

**M20-E01XXXX**

SHT  
2  
OF  
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HARWIN INC  
U.S.A.  
TEL: 603 893 5376  
FAX: 603 893 5396  
mis@harwin.com

HARWIN PLC  
Europe (U.K.)  
TEL: 023 9231 4545  
FAX: 023 9231 4590  
mis@harwin.co.uk

HARWIN PTE  
Asia (Singapore)  
TEL: +65 6779 4909  
FAX: +65 6779 3868  
mis@harwin.com.sg