

# Customer Information Sheet

DRAWING No.: M22-E02XXXX

SHEET 2 OF 2

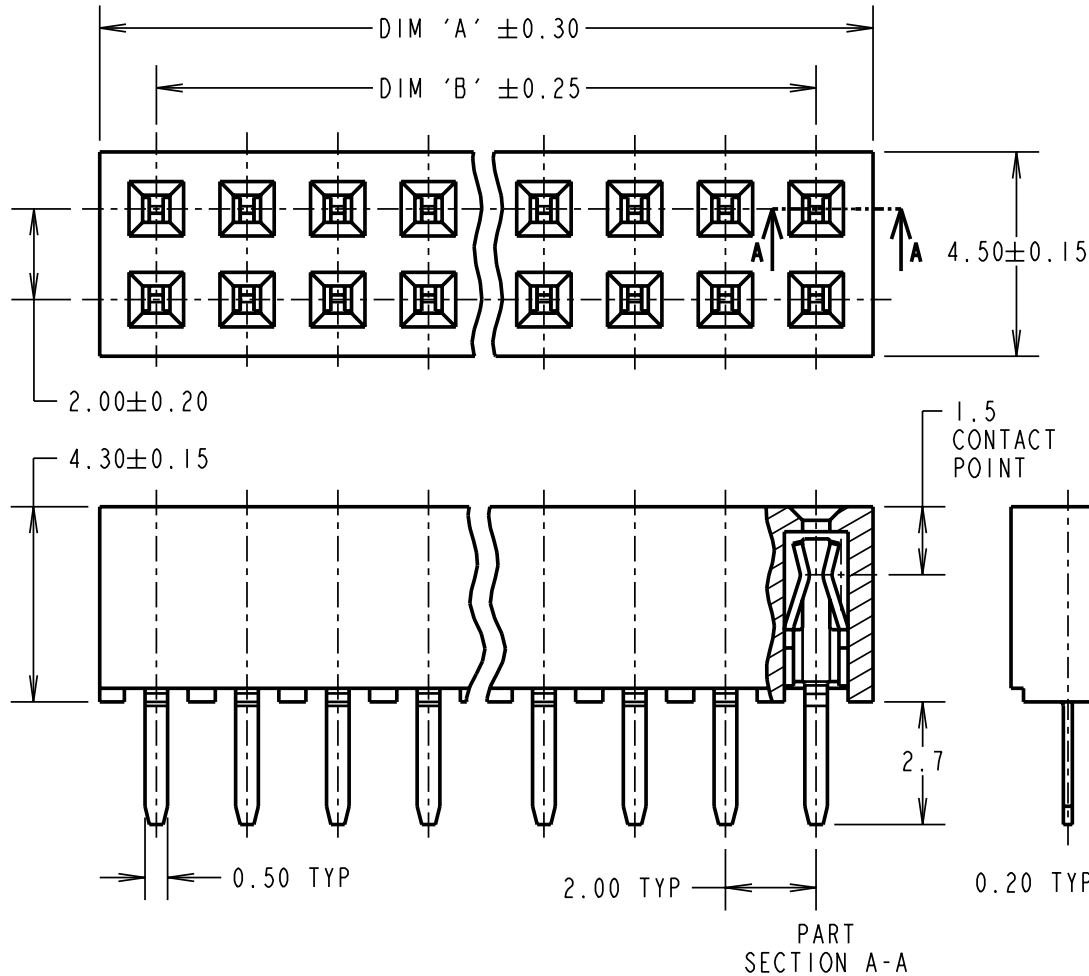
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'
M22-E0203XX	3 + 3	6.50	4.00
M22-E0204XX	4 + 4	8.50	6.00
M22-E0205XX	5 + 5	10.50	8.00
M22-E0206XX	6 + 6	12.50	10.00

**SPECIFICATIONS:**

**MATERIAL:**

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

CONTACT = PHOSPHOR BRONZE

**FINISH:**

CONTACT = GOLD ON CONTACT AREA, 100% TIN ON TAILS, ALL OVER NICKEL

**ELECTRICAL:**

CURRENT RATING = 1A

VOLTAGE RATING = 500V AC/DC

CONTACT RESISTANCE:

INITIAL = 20mΩ MAX

AFTER CONDITIONING = 30mΩ MAX

INSULATION RESISTANCE = 1,000MΩ MIN

DIELECTRIC STRENGTH = 500V AC / 1 MINUTE

**MECHANICAL:**

DURABILITY = 300 OPERATIONS

INSERTION FORCE = 2N MAX

WITHDRAWAL FORCE = 0.2N MIN

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**

TUBE

**Asia only**

NOTES:  
1. RECOMMENDED PCB HOLE SIZE =  $\varnothing 0.80 \pm 0.05$ mm.

ORDER CODE:

**M22-E02XXXX**

No. OF CONTACTS PER ROW  
03, 04, 05, 06

FINISH

42 = SELECTIVE GOLD + 100% TIN

WJB	1	07.02.08	----
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED: M. G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

**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:**

2.00mm PITCH DIL VERTICAL SOCKET ASSEMBLY

DRAWING NUMBER:

**M22-E02XXXX**

SHT  
2  
OF  
2

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