

# Customer Information Sheet

DRAWING No.: M30-601XXXX

SHEET 2 OF 2

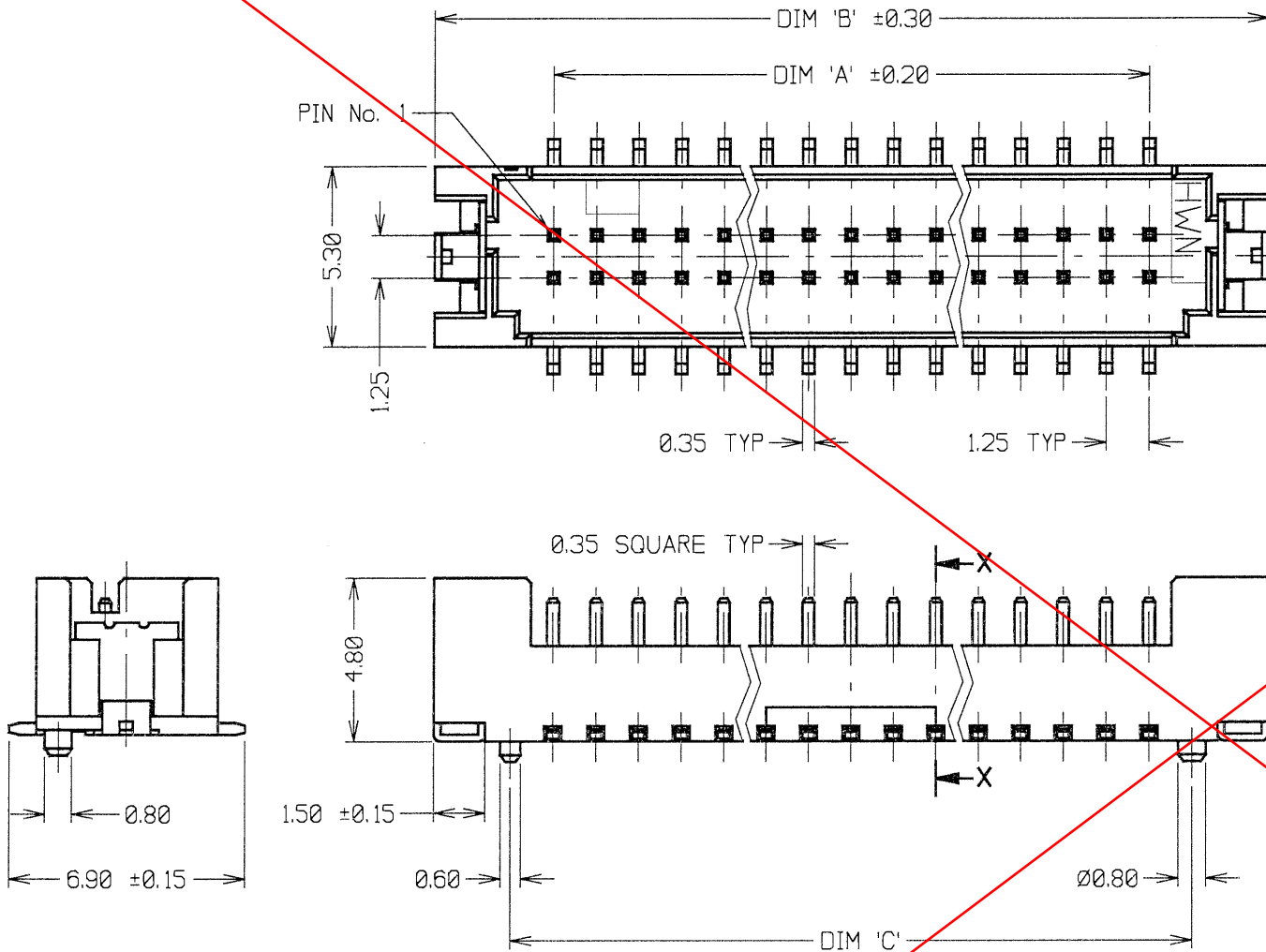
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**OBSOLETE**

**SPECIFICATIONS:**

**MATERIAL:**  
 MOULDING = POLYAMIDE 46 (UL94V-0)  
 CONTACTS = COPPER ALLOY  
 RETAINER = COPPER ALLOY

**FINISH:**  
 CONTACTS = 3µ MIN 100% TIN OVER NICKEL  
 RETAINER = 1-2µ 100% TIN OVER COPPER

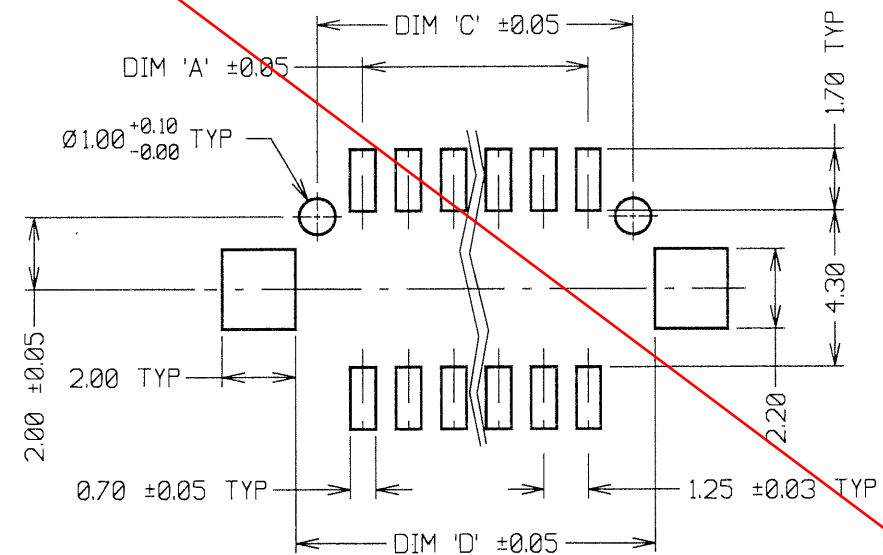
**ELECTRICAL:**  
 CURRENT RATING = 1A AC/DC  
 VOLTAGE RATING = 150V AC/DC  
 CONTACT RESISTANCE = 30 MILLIOHMS MAX  
 DIELECTRIC WITHSTANDING = 500V AC  
 INSULATION RESISTANCE = 500 MEGOHMS MIN

**MECHANICAL:**  
 PIN RETENTION = 9.8N MIN  
 SOLDERABILITY = 260°C FOR 3 SECONDS

**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -55°C TO +85°C

**PACKING:**  
 TUBE  
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C025XX (LATEST ISSUE)

HARWIN PART No.	No. OF WAYS	FINISH	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
M30-6011046	10 + 10	100% TIN	11.25	18.25	13.75	14.95
M30-6011546	15 + 15	100% TIN	17.50	24.50	20.00	21.20
M30-6012046	20 + 20	100% TIN	23.75	30.75	26.25	27.45
M30-6012146	21 + 21	100% TIN	25.00	32.00	27.50	28.70



RECOMMENDED BOARD LAYOUT

JMB	3	18.01.06	8976
WJB	2	15.10.97	4121
WJB	1	04.08.97	----
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: WJ BOURNE			
CUSTOMER REF:			
ASSEMBLY DRG:			

ORDER CODE:  
**M30-601XX46**

No. OF WAYS PER ROW  
 10, 15, 20, 21

FINISH:  
 46 = 100% TIN

**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. = ±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:**  
 1.25mm PITCH DIL VERTICAL SMT PIN HEADER

**DRAWING NUMBER:**  
 M30-601XXXX

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