

Customer Information Sheet

DRAWING No.: M20-877XXXX		SHEET 2 OF 2		IF IN DOUBT - ASK		C		NOT TO SCALE		THIRD ANGLE PROJECTION		ALL DIMENSIONS IN mm	
SPECIFICATION: MATERIAL: MOULDING = PA6T UL94V-0, BLACK CONTACT = BRASS FINISH (OVER NICKEL): 42 = SELECTIVE GOLD ON CONTACT AREA, 100% TIN ON TAILS 46 = 100% TIN ELECTRICAL: CURRENT RATING = 3A MAX CONTACT RESISTANCE = $20m\Omega$ MAX INSULATION RESISTANCE = $1,000M\Omega$ MIN VOLTAGE RATING = 250V AC/DC WITHSTANDING VOLTAGE = 500V AC FOR ONE MIN MECHANICAL: DURABILITY = 50 OPERATIONS (TIN), 300 OPERATIONS (GOLD) ENVIRONMENTAL: TEMPERATURE RANGE = -40°C TO $+105^{\circ}\text{C}$ PACKAGING: BAG FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE) NOTES: 1. ALL TOLERANCES ARE $\pm 0.15\text{mm}$ UNLESS OTHERWISE STATED. ORDER CODE: M20-877XXXX No. OF CONTACTS: 02 TO 20, 25, 36 FINISH: 42 = SELECTIVE GOLD + 100% TIN 46 = 100% TIN													
RECOMMENDED PAD LAYOUT (TOLERANCE = ± 0.05) 2.54 x No. OF CONTACTS ± 0.35 No. 1 CONTACT POSITION 2.54 5.82 ± 0.10 2.54 x (No. OF CONTACTS - 1) ± 0.10 2.54 ± 0.05 TYP 2.54 5.80 ± 0.20 1.27 ± 0.20 5.08 ± 0.30 0.64 SQUARE TYP 0.20 CONTACT TO CONTACT													

TITLE: 2.54mm PITCH SIL		SMT PIN HEADER ASSEMBLY (LEFT-HANDED LEAD)		SHT 2 OF 2	
DRAWING NUMBER: M20-877XXXX		MATERIAL: SEE ABOVE		FINISH: SEE ABOVE	
S/AREA: mm ²		TOLERANCES: X.X = $\pm 0.10\text{mm}$ X.XX = $\pm 0.05\text{mm}$ X.XXX = $\pm 0.01\text{mm}$ ANGLES = $\pm 5^{\circ}$ UNLESS STATED		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.	

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