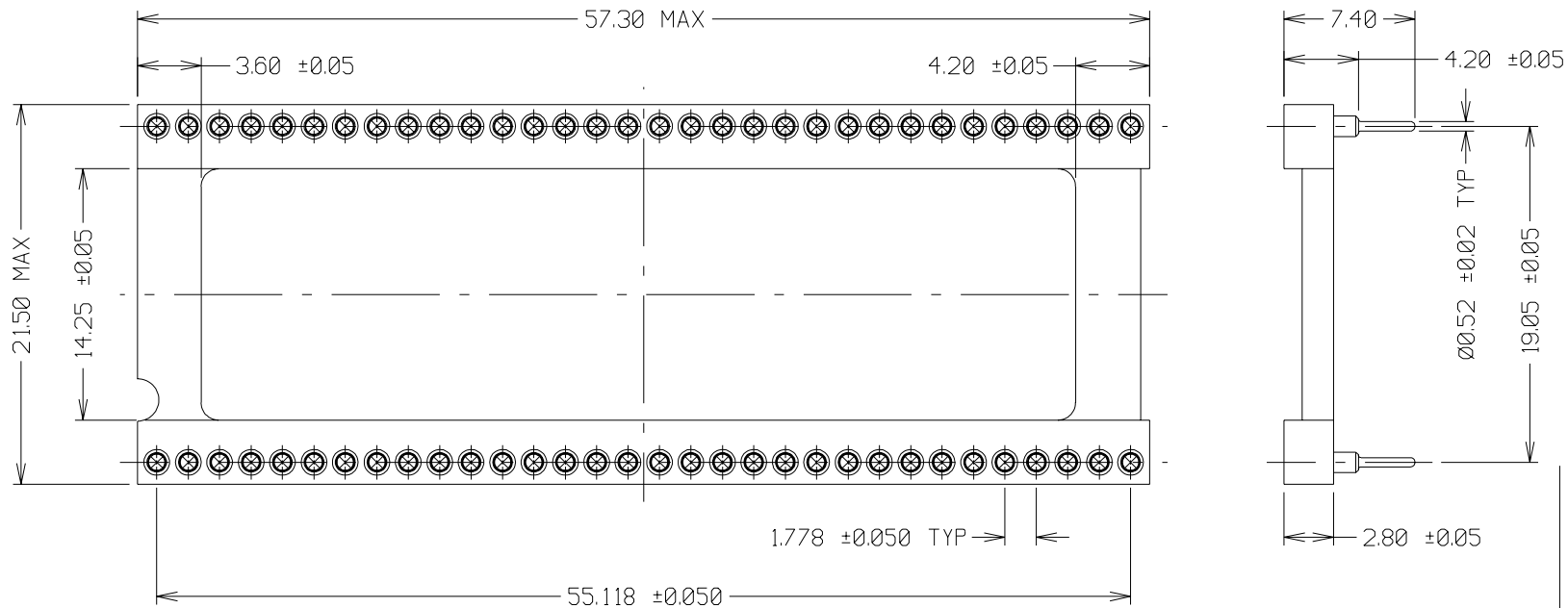


# Customer Information Sheet

DRAWING No.: D8864-01      SHEET 2 OF 2      IF IN DOUBT - ASK      ©      NOT TO SCALE      THIRD ANGLE PROJECTION      ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**

MOULDING = GLASS-FILLED POLYESTER UL94V-0, BLACK  
 CONTACT SHELL = BRASS  
 CONTACT CLIP = BERYLLIUM COPPER

**FINISH:**

CONTACT SHELL = 5µ 90/10 TIN/LEAD  
 CONTACT CLIP = GOLD FLASH

**ELECTRICAL:**

CURRENT RATING = 1A  
 VOLTAGE RATING = 100V AC, 150V DC  
 CONTACT RESISTANCE = 10 MILLIOHMS MAX  
 INSULATION RESISTANCE = 10,000 MEGOHMS MIN  
 DIELECTRIC STRENGTH = 700V AC

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

**MECHANICAL:**

DURABILITY = 100 CYCLES MIN  
 INSERTION FORCE (Ø0.43mm GAUGE) = 3.4N MAX  
 WITHDRAWAL FORCE (Ø0.43mm GAUGE) = 0.6N MIN

**PACKING:**

TUBE

**NOTES:**

1. RECOMMENDED HOLE SIZE = Ø0.80mm.
2. RECOMMENDED MATING PIN SIZE = Ø0.56-0.40mm OR 0.25mm x 0.45mm.
3. RECOMMENDED PC BOARD THICKNESS = 1.4 TO 2.0mm.
4. MAXIMUM CONTACT DEPTH = 2.20mm. MAXIMUM MATING PIN LENGTH = 3.55mm.

1	07.09.00	----
ISS.	DATE	C/NOTE
APPROVED:		
CHECKED:		
DRAWN: W. J. BOURNE		
CUSTOMER REF.:		
ASSEMBLY DRG:		



HARWIN INC U.S.A. TEL: (812) 285 0055 FAX: (812) 285 0056	HARWIN PLC U.K. TEL: 01705 370451 FAX: 01705 314590	HARWIN PTE SINGAPORE TEL: 65 7794909 FAX: 65 7793868
--	--	---

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. = ±1mm  
 X.X = ±0.25mm  
 X.XX = ±0.10mm  
 X.XXX = ±0.01mm  
 ANGLES = ±1°  
 UNLESS STATED

**MATERIAL:**  
 SEE ABOVE

**FINISH:** SEE ABOVE

**S/AREA:** mm<sup>2</sup>

**TITLE:**  
 1.778mm (0.07") PITCH 64-WAY  
 DIL IC SOCKET (SHRINK-DIP)

**DRAWING NUMBER:**  
 D8864-01

SHT 2 OF 2