

# Customer Information Sheet

DRAWING No.: M50-320XX45

SHEET 2 OF 2

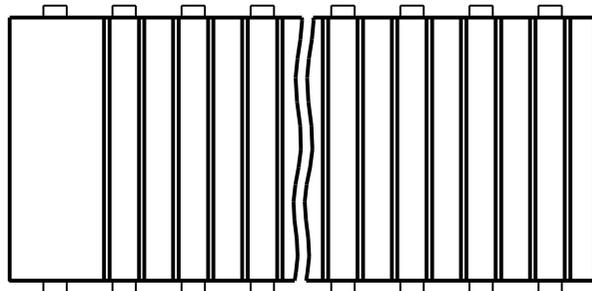
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



$(1.27 \times \text{No. OF CONTACTS PER ROW}) + 0.40 \pm 0.30$

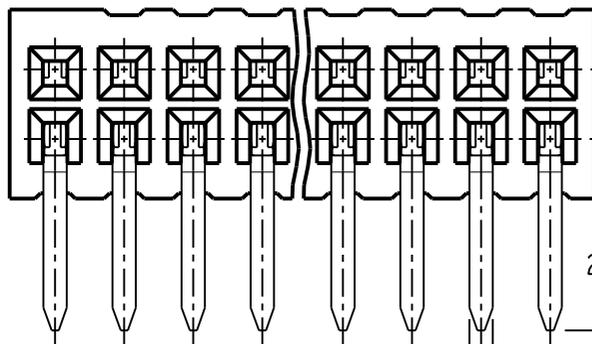
ORDER CODE:

**M50-320XX45**

No. OF CONTACTS PER ROW:  
02 TO 50

FINISH:  
45 = 0.25µ GOLD ALL OVER

**OBSOLETE**  
All other size/finish combinations not listed above



1.27 TYP  
 $(1.27 \times \text{No. OF CONTACTS PER ROW} - 1) \pm 0.25$

1.40±0.12 CONTACT POINT

3.45±0.15

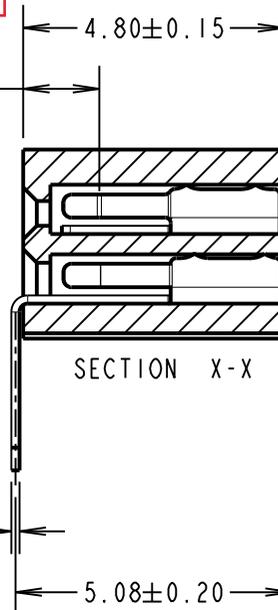
1.09±0.12

2.40±0.25

1.27 TYP

(0.43 TYP)

(0.15 TYP)



SECTION X-X

4.80±0.15

5.08±0.20

**SPECIFICATIONS:**

**MATERIAL:**

MOULDING = NYLON 9T UL94V-0, BLACK

CONTACT = PHOSPHOR BRONZE

**FINISH:**

CONTACT = 0.25µ GOLD ALL OVER

**ELECTRICAL:**

CURRENT RATING = 1A

DIELECTRIC VOLTAGE = 500V AC FOR ONE MINUTE

CONTACT RESISTANCE = 20mΩ MAX

INSULATION RESISTANCE = 1000MΩ MIN

**MECHANICAL:**

INSERTION FORCE = 0.98N MAX PER PIN

WITHDRAWAL FORCE = 0.12N MIN PER PIN

DURABILITY = 300 CYCLES MIN

**ENVIRONMENTAL:**

OPERATING TEMPERATURE = -40°C TO +105°C

**PACKING:**

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

**Active products:**

**NOTES:**

1. RECOMMENDED PCB HOLE SIZE =  $\varnothing 0.70 \pm 0.05 \text{mm}$ .

- M50-3200345
- M50-3200445
- M50-3200545
- M50-3200645
- M50-3200845
- M50-3200945
- M50-3201045
- M50-3201245
- M50-3201545
- M50-3202045

SB	9	18.03.13	11904
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J. ENRIGHT	
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:**

1.27mm PITCH DIL SIDE ENTRY SOCKET ASSY

**DRAWING NUMBER:**

**M50-320XX45**

SHT  
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OF 2