

# Customer Information Sheet

DRAWING No.: M50-320XX45

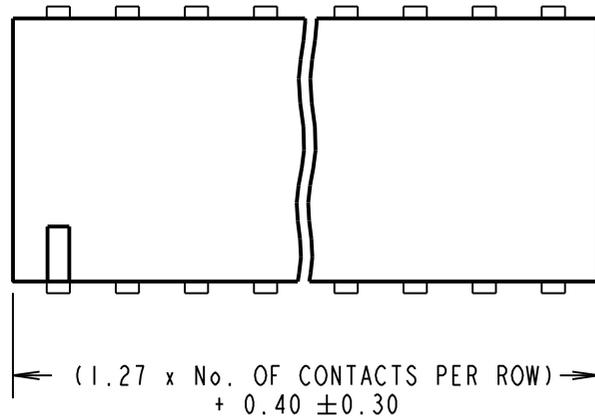
IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



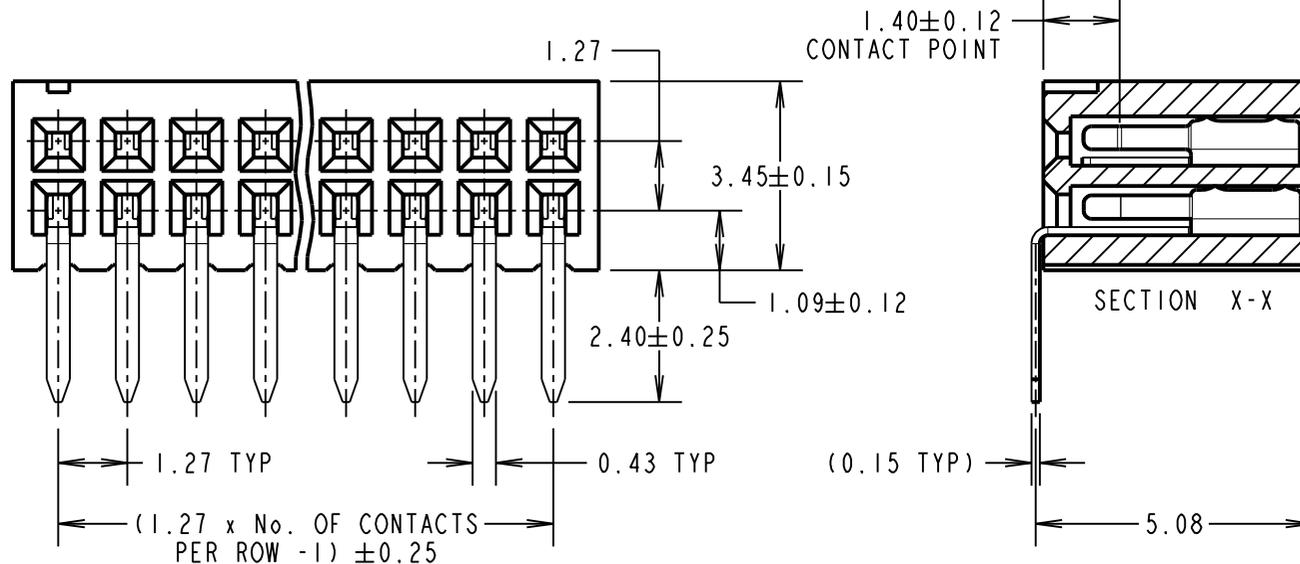
ORDER CODE:

**M50-320XX45**

No. OF CONTACTS PER ROW: \_\_\_\_\_  
02 TO 50

FINISH: \_\_\_\_\_  
45 = 0.25µm GOLD ALL OVER

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



**SPECIFICATIONS:**

**MATERIAL:**

MOULDING = NYLON 9T UL94V-0, BLACK

CONTACT = PHOSPHOR BRONZE

**FINISH:**

CONTACT = 0.25µm 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 = Ø0.70±0.05mm.

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

MGP	10	09.07.21	30646
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: J. ENRIGHT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

www.harwin.com  
technical@harwin.com

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**TOLERANCES**

X. = ±1mm  
X.X = ±0.50mm  
X.XX = ±0.20mm  
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  
2  
OF 2