

Customer Information Sheet

DRAWING No.: M50-320XX45

SHEET 2 OF 2

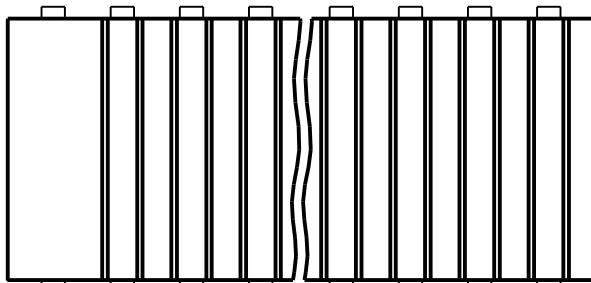
IF IN DOUBT - ASK

(C)

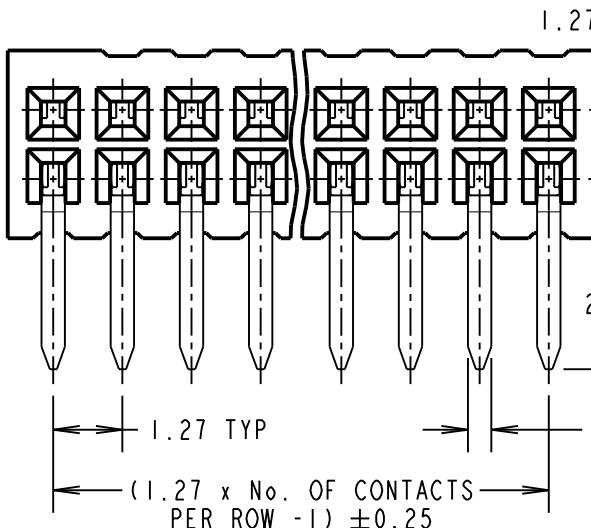
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



$(1.27 \times \text{No. of contacts per row}) + 0.40 \pm 0.30$



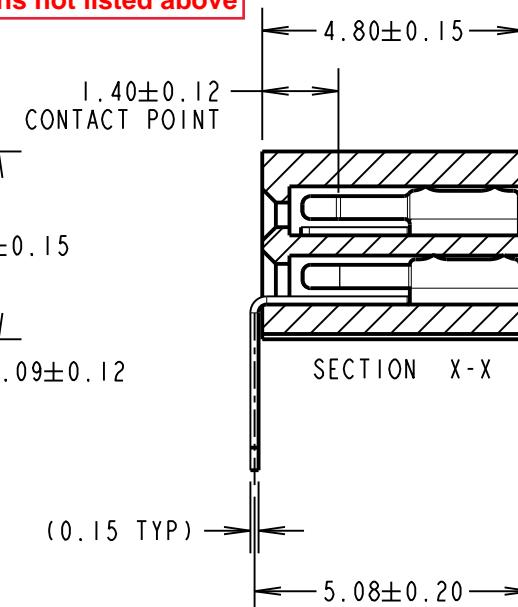
ORDER CODE:

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



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 = $20m\Omega$ MAX
INSULATION RESISTANCE = $1000M\Omega$ 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 $+105^\circ\text{C}$
PACKING:

TUBE

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

NOTES:

1. RECOMMENDED PCB HOLE
SIZE = $\phi 0.70 \pm 0.05$ mm.

**Active
products:**

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

www.harwin.com

technical@harwin.com

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. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

TITLE:

1.27mm PITCH DIL
SIDE ENTRY SOCKET ASSY

DRAWING NUMBER:

M50-320XX45

SHT
2
OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M50-3203045](#) [M50-3201445](#) [M50-3203845](#) [M50-3202645](#) [M50-3202245](#) [M50-3203445](#) [M50-3201045](#) [M50-3201845](#) [M50-3202845](#) [M50-3201645](#) [M50-3202045](#) [M50-3203245](#) [M50-3203645](#) [M50-3201245](#) [M50-3202445](#) [M50-3202345](#) [M50-3203545](#) [M50-3201145](#) [M50-3201945](#) [M50-3201545](#) [M50-3202745](#) [M50-3203945](#) [M50-3203145](#) [M50-3203745](#) [M50-3201345](#) [M50-3202545](#) [M50-3202145](#) [M50-3203345](#) [M50-3201745](#) [M50-3202945](#) [M50-3200645](#) [M50-3200445](#) [M50-3200845](#) [M50-3200745](#) [M50-3200345](#) [M50-3200945](#) [M50-3200545](#) [M50-3204045](#)