

Customer Information Sheet

DRAWING No.: M20-877XXX

SHEET 2 OF 2

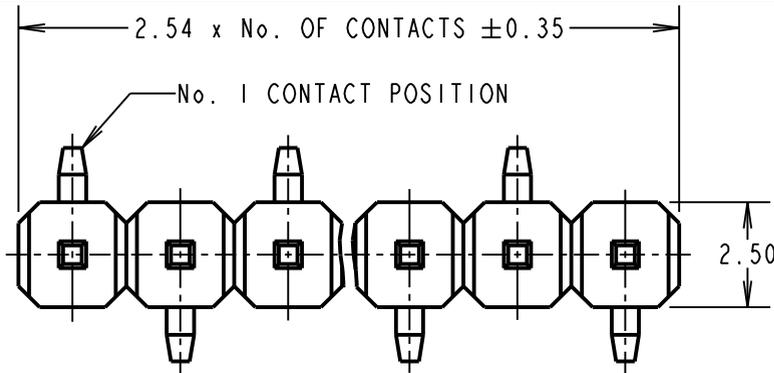
IF IN DOUBT - ASK

©

NOT TO SCALE

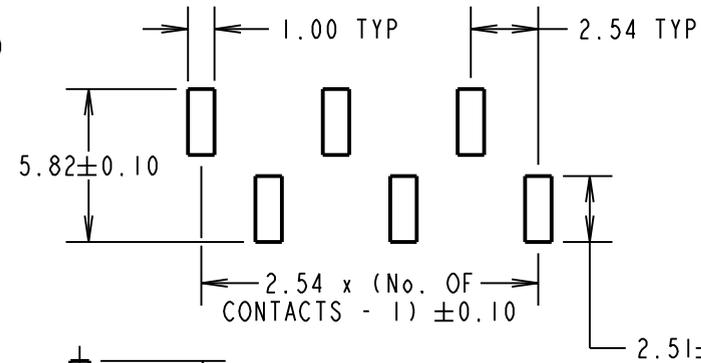
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

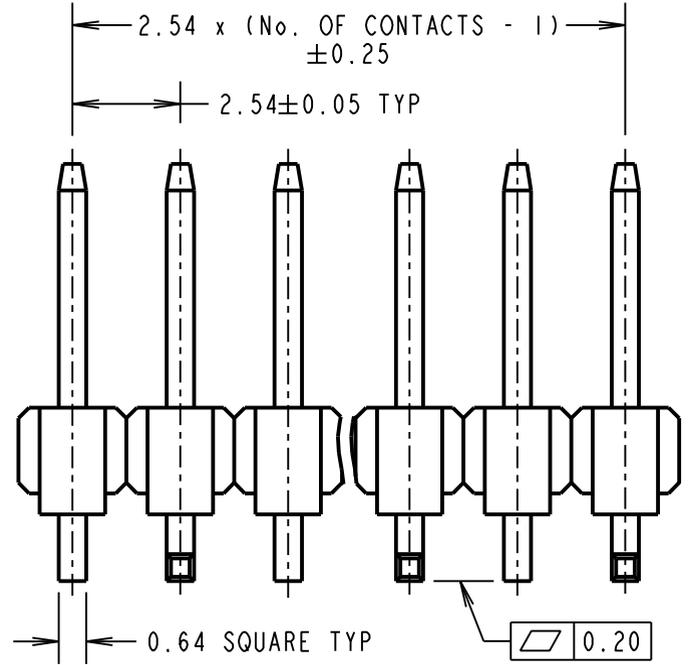


OBSOLETE
All other size/finish combinations not listed below

RECOMMENDED PAD LAYOUT
(TOLERANCE = ± 0.05)

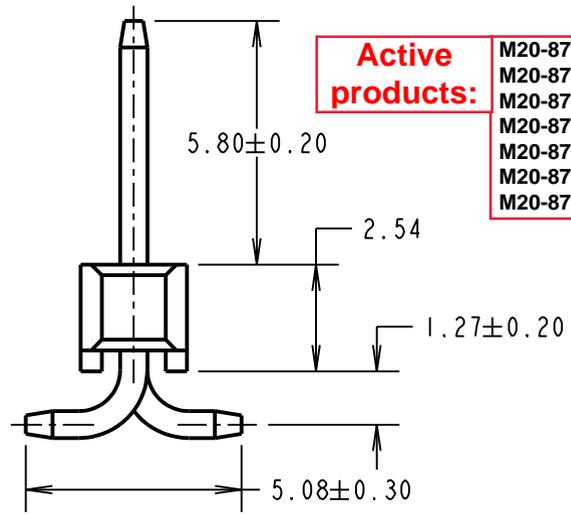


SPECIFICATION:
MATERIAL:
 MOULDING = PA6T UL94V-0, BLACK
 CONTACT = BRASS
 FINISH (OVER NICKEL):
 42 = SELECTIVE GOLD ON CONTACT AREA,
 100% TIN ON TAILS
 46 = 100% TIN
ELECTRICAL:
 CURRENT RATING = 3A MAX
 CONTACT RESISTANCE = 20m Ω MAX
 INSULATION RESISTANCE = 1,000M Ω MIN
 VOLTAGE RATING = 250V AC/DC
 WITHSTANDING VOLTAGE = 500V AC FOR ONE MIN
MECHANICAL:
 DURABILITY = 50 OPERATIONS (TIN),
 300 OPERATIONS (GOLD)
ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO +105°C
PACKING:
 BAG
 FOR COMPLETE SPECIFICATION, SEE COMPONENT
 SPECIFICATION COOIXX (LATEST ISSUE)



Active products:

M20-87702XX	M20-8770942
M20-87703XX	M20-87710XX
M20-87704XX	M20-8771146
M20-87705XX	M20-87712XX
M20-87706XX	M20-8771346
M20-87707XX	M20-8771546
M20-87708XX	



NOTES:
 1. ALL TOLERANCES ARE ± 0.15 mm
 UNLESS OTHERWISE STATED.

ORDER CODE:
M20-877XXX

No. OF CONTACTS: _____
 02 TO 20, 25, 36

FINISH: _____
 42 = SELECTIVE GOLD + 100% TIN
 46 = 100% TIN

WJP	19	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: M. PLESTED			
DRAWN: P. D. COLLINS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
~~X = ± 1 mm~~
~~X.X = ± 0.50 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: mm²

TITLE: 2.54mm PITCH SIL
 SMT PIN HEADER ASSEMBLY
 (LEFT-HANDED LEAD)

DRAWING NUMBER:
M20-877XXX

SHT 2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M20-8770942](#) [M20-8770946](#) [M20-8770742](#) [M20-8770746](#) [M20-8770346](#) [M20-8770342](#) [M20-8773642](#) [M20-8773646](#) [M20-8771242](#) [M20-8771246](#) [M20-8772042](#) [M20-8772046](#) [M20-8771646](#) [M20-8771642](#) [M20-8771442](#) [M20-8771446](#) [M20-8771842](#) [M20-8771846](#) [M20-8771042](#) [M20-8771046](#) [M20-8771746](#) [M20-8771742](#) [M20-8771342](#) [M20-8771346](#) [M20-8772546](#) [M20-8772542](#) [M20-8771942](#) [M20-8771946](#) [M20-8771142](#) [M20-8771146](#) [M20-8771542](#) [M20-8771546](#) [M20-8770846](#) [M20-8770842](#) [M20-8770442](#) [M20-8770446](#) [M20-8770246](#) [M20-8770242](#) [M20-8770642](#) [M20-8770646](#) [M20-8770542](#) [M20-8770546](#)