

Customer Information Sheet

DRAWING No.: M22-251XXX

SHEET 2 OF 2

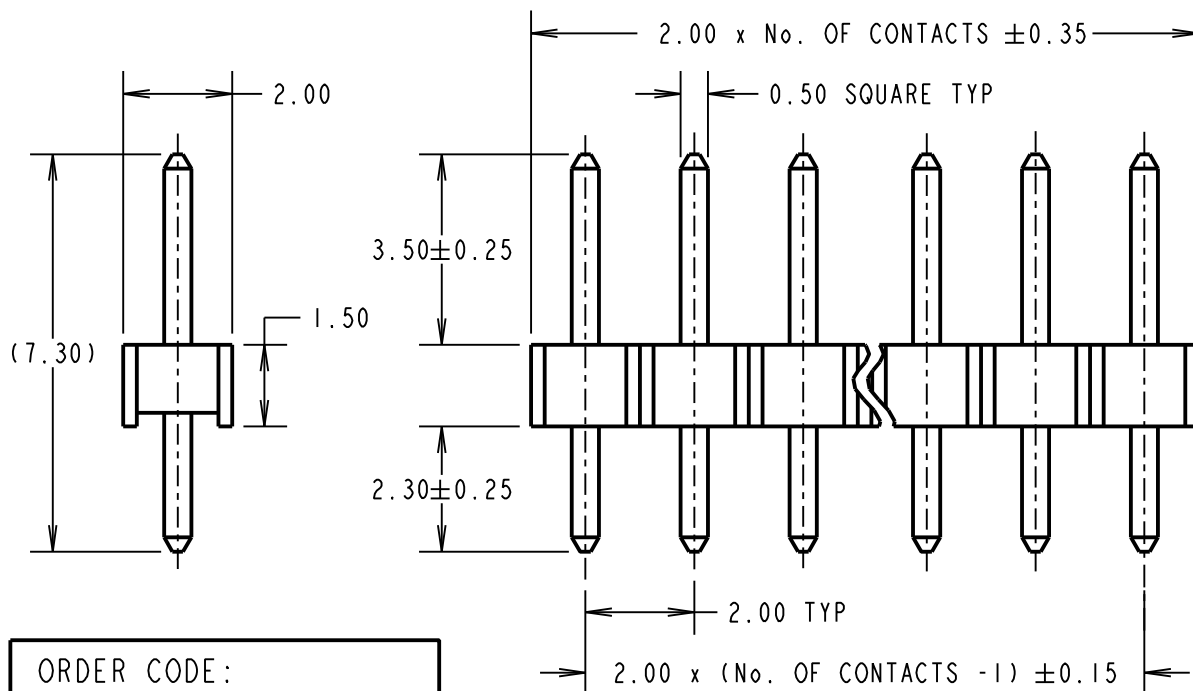
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDING = NYLON 6T, UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

FINISH:

05 = GOLD

46 = 100% TIN

ELECTRICAL:

CURRENT RATING = 2A

VOLTAGE PROOF = 500V AC FOR ONE MINUTE

CONTACT RESISTANCE = 20mΩ MAX

INSULATION RESISTANCE = 1000MΩ MIN

MECHANICAL:

DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)

INSERTION FORCE = 2N MAX

WITHDRAWAL FORCE = 0.3N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

PACKING:

BAG

FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C018XX (LATEST ISSUE)

ORDER CODE:

M22-251XXX

No. OF CONTACTS: _____
02 TO 20, 25, 40, 50

FINISH: _____

05 = GOLD OVER NICKEL
46 = 100% TIN OVER NICKEL

**Active
products:**

M22-25102XX
M22-25103XX
M22-2510405
M22-25105XX
M22-25106XX
M22-2510705
M22-25108XX
M22-2510905

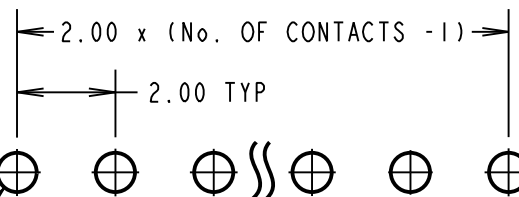
M22-25110XX
M22-2511205
M22-2511405
M22-25116XX
M22-2511905
M22-25120XX
M22-2512505
M22-2514005

OBSOLETE

All other size/finish combinations
not listed below

NOTES:

1. ALL TOLERANCES ARE ±0.20 UNLESS OTHERWISE STATED.



RECOMMENDED PCB LAYOUT
(TOLERANCE = ±0.05)

LS	10	01.11.17	20898
NAME	ISS.	DATE	C/NOTE
APPROVED: LS			
CHECKED: MGP			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES

~~X. = ±1mm~~
~~X.X = ±0.50mm~~
~~X.XX = ±0.10mm~~
~~X.XXX = ±0.01mm~~

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

2.00mm PITCH SIL VERTICAL
PIN HEADER ASSEMBLY

DRAWING NUMBER:

M22-251XXX

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M22-2510305](#) [M22-2512505](#) [M22-2511005](#) [M22-2510605](#) [M22-2511805](#) [M22-2511405](#) [M22-2510205](#) [M22-2510805](#) [M22-2511205](#) [M22-2510405](#) [M22-2511605](#) [M22-2511505](#) [M22-2510705](#) [M22-2511905](#) [M22-2511105](#) [M22-2510505](#) [M22-2511705](#) [M22-2511305](#) [M22-2510905](#) [M22-2515005](#) [M22-2514005](#) [M22-2512005](#) [M22-2510146](#) [M22-2510246](#) [M22-2510346](#) [M22-2510446](#) [M22-2510546](#) [M22-2510646](#) [M22-2510746](#) [M22-2510846](#) [M22-2510946](#) [M22-2511046](#) [M22-2511146](#) [M22-2511246](#) [M22-2511346](#) [M22-2511446](#) [M22-2511546](#) [M22-2511646](#) [M22-2511746](#) [M22-2511846](#) [M22-2511946](#) [M22-2512046](#) [M22-2512546](#) [M22-2514046](#) [M22-2515046](#)