Customer Information Sheet

2.00

(7.30)

3.50±0.25

1.50

2.30±0.25

2.00 x No. OF CONTACTS ±0.35

0.50 SQUARE TYP

2.00 TYP

2.00 x (No. OF CONTACTS -1) ±0.15
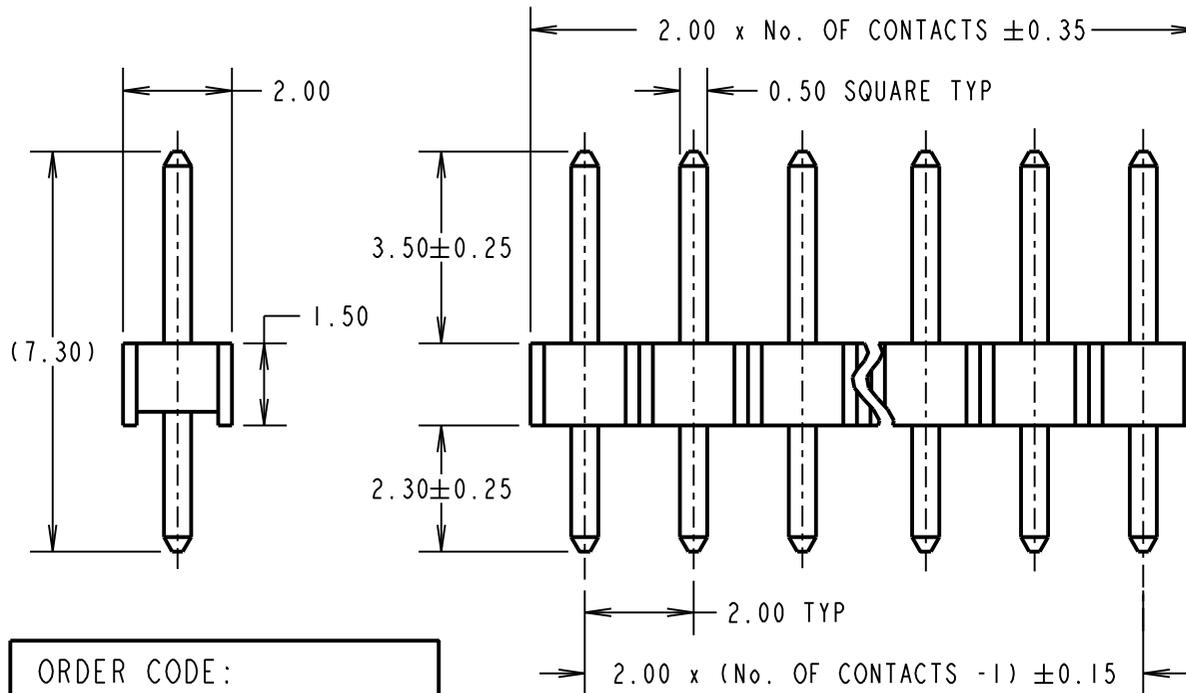
SPECIFICATIONS:
MATERIAL:
 MOULDING = NYLON 6T, UL94V-0, BLACK
 CONTACTS = PHOSPHOR BRONZE
FINISH:
 05 = GOLD
 46 = 100% TIN
ELECTRICAL:
 CURRENT RATING = 2A
 VOLTAGE PROOF = 500V AC FOR ONE MINUTE
 CONTACT RESISTANCE = 20mΩ MAX
 INSULATION RESISTANCE = 1000MΩ MIN
MECHANICAL:
 DURABILITY = 300 OPERATIONS (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)

OBSOLETE
All other size/finish combinations not listed below

ORDER CODE:

M22-251XXXX

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

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

Active products:

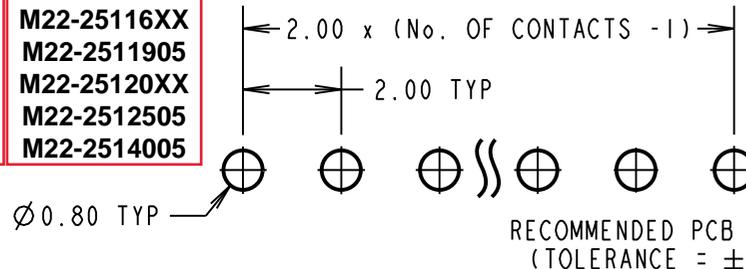|	
M22-25102XX	M22-25110XX
M22-25103XX	M22-2511205
M22-2510405	M22-2511405
M22-25105XX	M22-25116XX
M22-25106XX	M22-2511905
M22-2510705	M22-25120XX
M22-25108XX	M22-2512505
M22-2510905	M22-2514005

2.00 x (No. OF CONTACTS -1)

2.00 TYP

Ø0.80 TYP

RECOMMENDED PCB LAYOUT
(TOLERANCE = ±0.05)

NOTES:
1. ALL TOLERANCES ARE ±0.20 UNLESS OTHERWISE STATED.

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

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:
M22-251XXXX

SHT 2 OF 2