Customer Information Sheet

DRAWING No.: M20-976XXXX	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

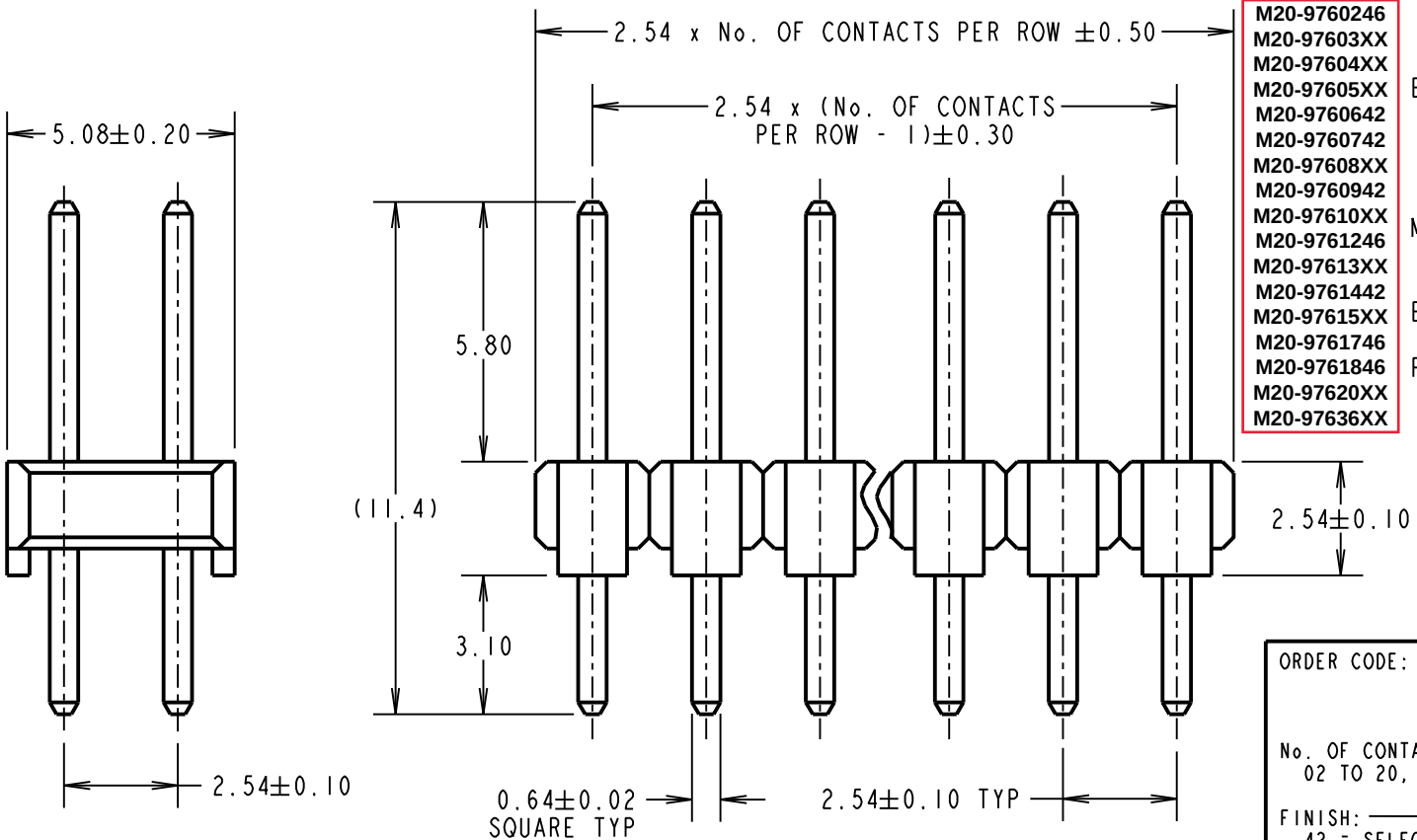
NOTES:
1. RECOMMENDED PCB MOUNTING HOLE SIZE = Ø1.02±0.05mm.
2. ALL TOLERANCES ARE ±0.25mm UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

SPECIFICATION:
MATERIAL:
MOULDING = PA6T UL94V-0, BLACK
PINS = BRASS
FINISH:
PINS (OVER NICKEL):
42 = GOLD ON CONTACT AREA, 100% TIN ON TAILS
46 = 100% TIN
ELECTRICAL:
CURRENT RATING = 3A MAX
CONTACT RESISTANCE = 20mΩ MAX
INSULATION RESISTANCE = 1,000MΩ MIN
DIELECTRIC STRENGTH = 500V AC
MECHANICAL:
DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)
ENVIRONMENTAL:
TEMPERATURE RANGE = -40°C TO +105°C
PACKING:
BAG

Active products:

M20-9760246
M20-97603XX
M20-97604XX
M20-97605XX
M20-9760642
M20-9760742
M20-97608XX
M20-9760942
M20-97610XX
M20-9761246
M20-97613XX
M20-9761442
M20-97615XX
M20-9761746
M20-9761846
M20-97620XX
M20-97636XX

OBSOLETE
All other size/finish combinations not listed above



NAME	ISS.	DATE	C/NOTE
MGP	14	03.12.18	21677

APPROVED: MGP
CHECKED: SB
DRAWN: P. ALEXANDER
CUSTOMER REF.:
ASSEMBLY DRG:

ORDER CODE:
M20-976XXXX
No. OF CONTACTS PER ROW: 02 TO 20, 25, 36, 40
FINISH:
42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

HARWIN
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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: 2.54mm PITCH DIL VERTICAL PC TAIL PIN HEADER

DRAWING NUMBER: M20-976XXXX

SHT 2 OF 2