

Customer Information Sheet

DRAWING No.: M20-877XXXXP

SHEET 2 OF 2

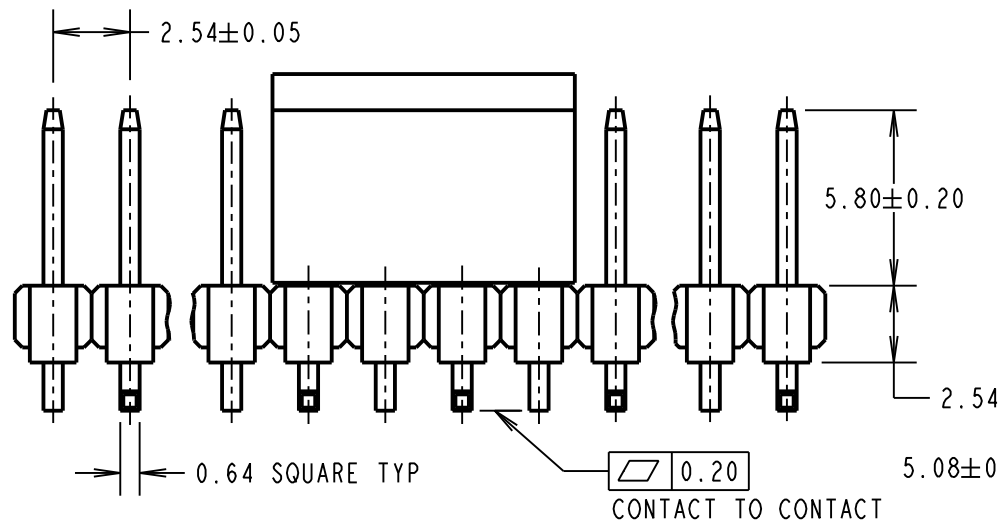
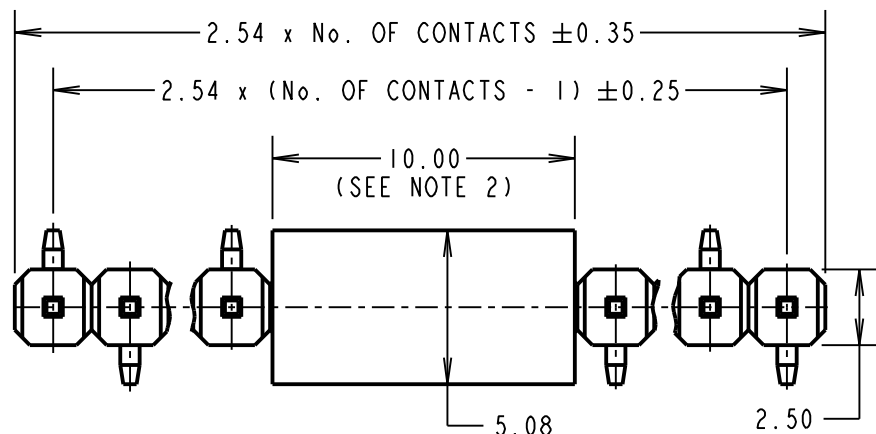
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:

MATERIAL:

MOULDING = PA6T UL94V-0, BLACK

CONTACT = BRASS

FINISH (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

VOLTAGE RATING = 250V AC/DC

WITHSTANDING VOLTAGE = 500V AC FOR ONE MINUTE

MECHANICAL:

DURABILITY = 50 OPERATIONS (TIN)

300 OPERATIONS (GOLD)

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

PACKING:

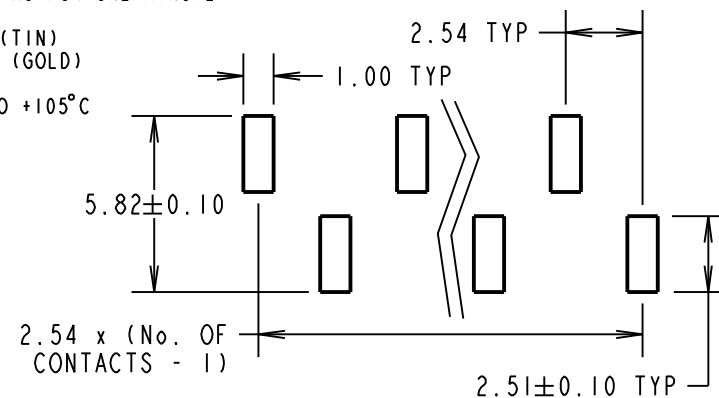
BAG

FOR COMPLETE SPECIFICATION,
SEE COMPONENT SPECIFICATION
C001XX (LATEST ISSUE)

NOTES:

1. SEE DRAWING M20-877XXXXR FOR TAPE AND REELED VERSION, M20-877XXXX FOR STANDARD PRODUCT.
2. FOR 4 CONTACTS AND LESS, CAP LENGTH = 6.00mm.
3. ALL TOLERANCES ARE ±0.15mm UNLESS OTHERWISE STATED.

RECOMMENDED PAD LAYOUT (TOLERANCE = ±0.05)



1.27 ± 0.20

ORDER CODE:

M20-877XXXXP

No. OF CONTACTS:
02 TO 20

FINISH:

42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

WJP	8	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: M. PLESTED			
DRAWN: J. KEIR			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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DISCLOSED, LOANED, COPIED
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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 SIL SMT
PIN HEADER ASSEMBLY
WITH PICK & PLACE CAP

DRAWING NUMBER:

M20-877XXXXP

SHT
2 OF 2