

Customer Information Sheet

DRAWING No.: M20-877XXXXP

SHEET 2 OF 2

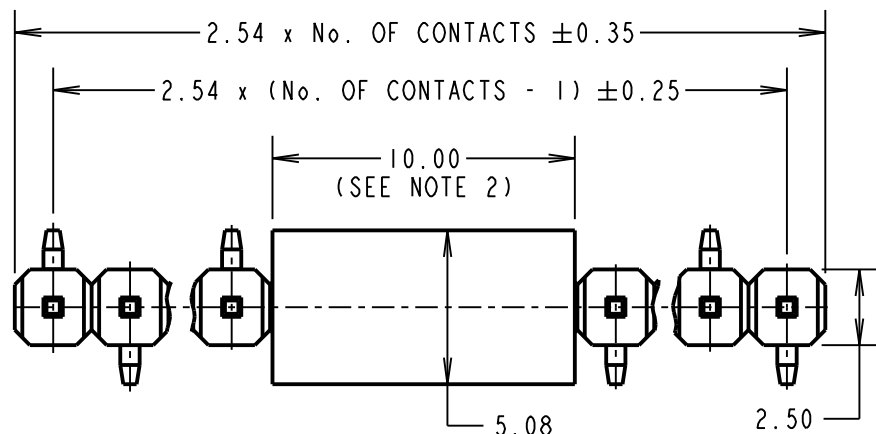
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



OBSOLETE
All other size/finish combinations
not listed as active

**Active
products:**

M20-8770242P
M20-8770542P
M20-8770746P
M20-8771042P

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:

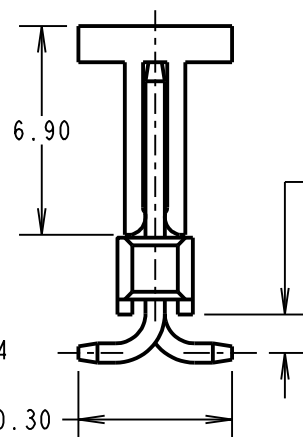
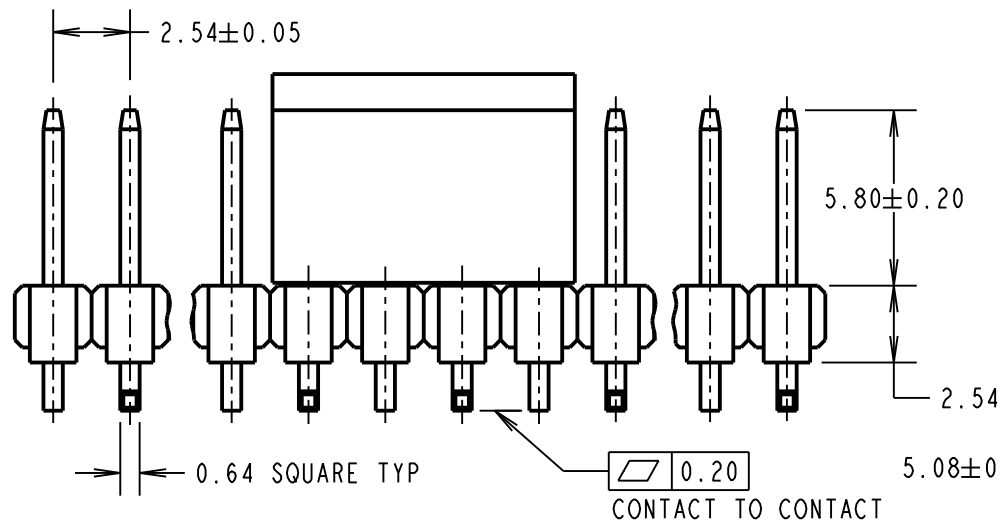
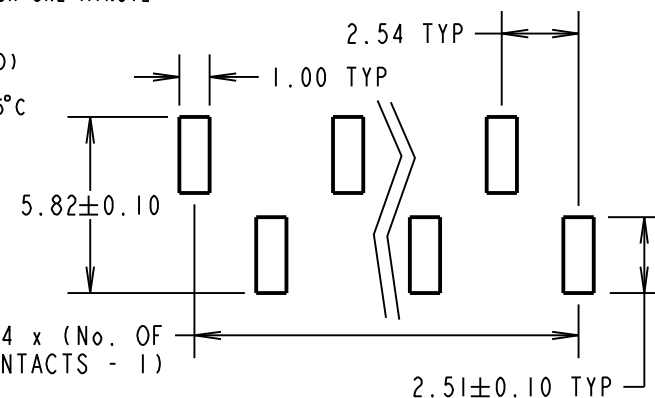
BAG

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)



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:			

HARWIN

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MATTER SET OUT HEREON ARE
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OTHER PURPOSE WITHOUT
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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

Mouser Electronics

Authorized Distributor

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

Harwin:

<u>M20-8770542P</u>	<u>M20-8770546P</u>	<u>M20-8770442P</u>	<u>M20-8770446P</u>	<u>M20-8771746P</u>	<u>M20-8771742P</u>	<u>M20-8771546P</u>
<u>M20-8771542P</u>	<u>M20-8771646P</u>	<u>M20-8771642P</u>	<u>M20-8771242P</u>	<u>M20-8771246P</u>	<u>M20-8771346P</u>	<u>M20-8771342P</u>
<u>M20-8771446P</u>	<u>M20-8771442P</u>	<u>M20-8770746P</u>	<u>M20-8770742P</u>	<u>M20-8771846P</u>	<u>M20-8771842P</u>	<u>M20-8772046P</u>
<u>M20-8772042P</u>	<u>M20-8770642P</u>	<u>M20-8770646P</u>	<u>M20-8771946P</u>	<u>M20-8771942P</u>	<u>M20-8770242P</u>	<u>M20-8770246P</u>
<u>M20-8771042P</u>	<u>M20-8771046P</u>	<u>M20-8770842P</u>	<u>M20-8770846P</u>	<u>M20-8770942P</u>	<u>M20-8770946P</u>	<u>M20-8771142P</u>
<u>M20-8771146P</u>	<u>M20-8770342P</u>	<u>M20-8770346P</u>				