

Customer Information Sheet

DRAWING No.: M20-786XXXXP

SHEET 2 OF 2

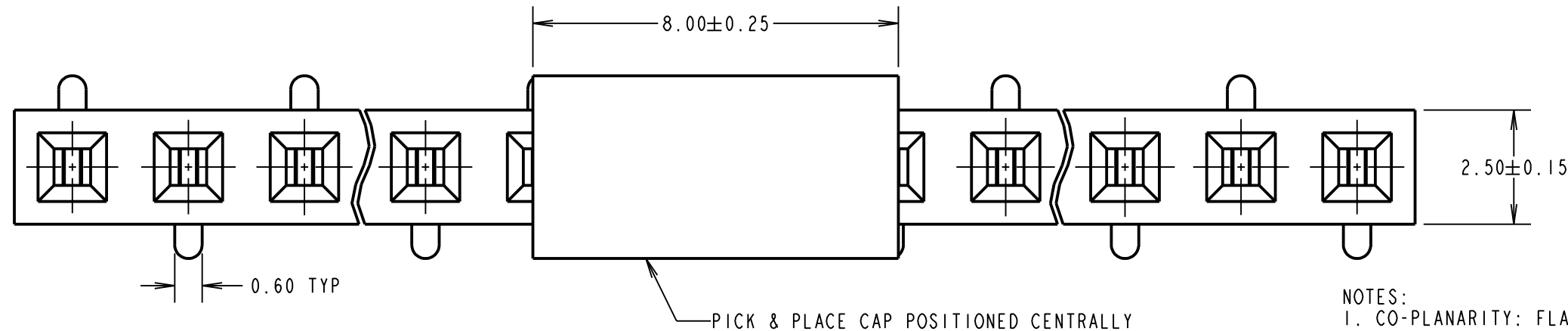
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

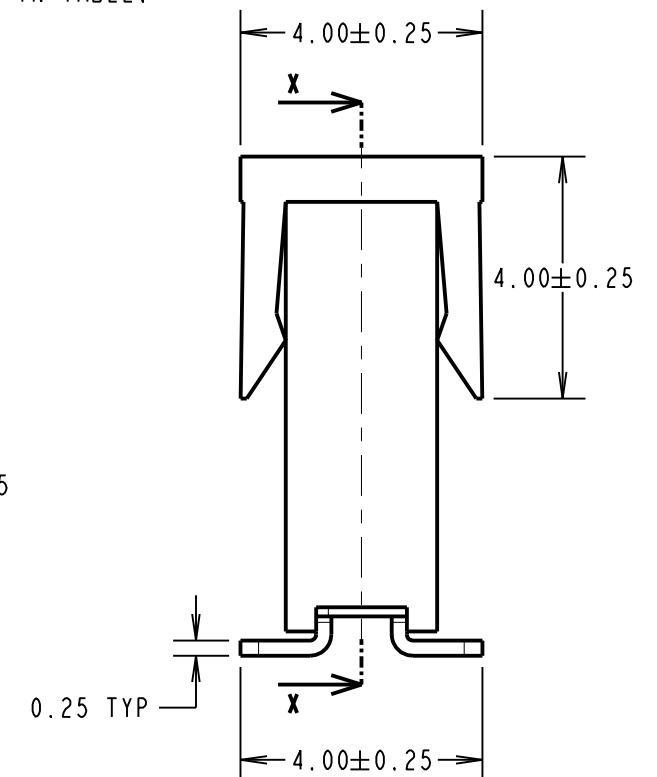
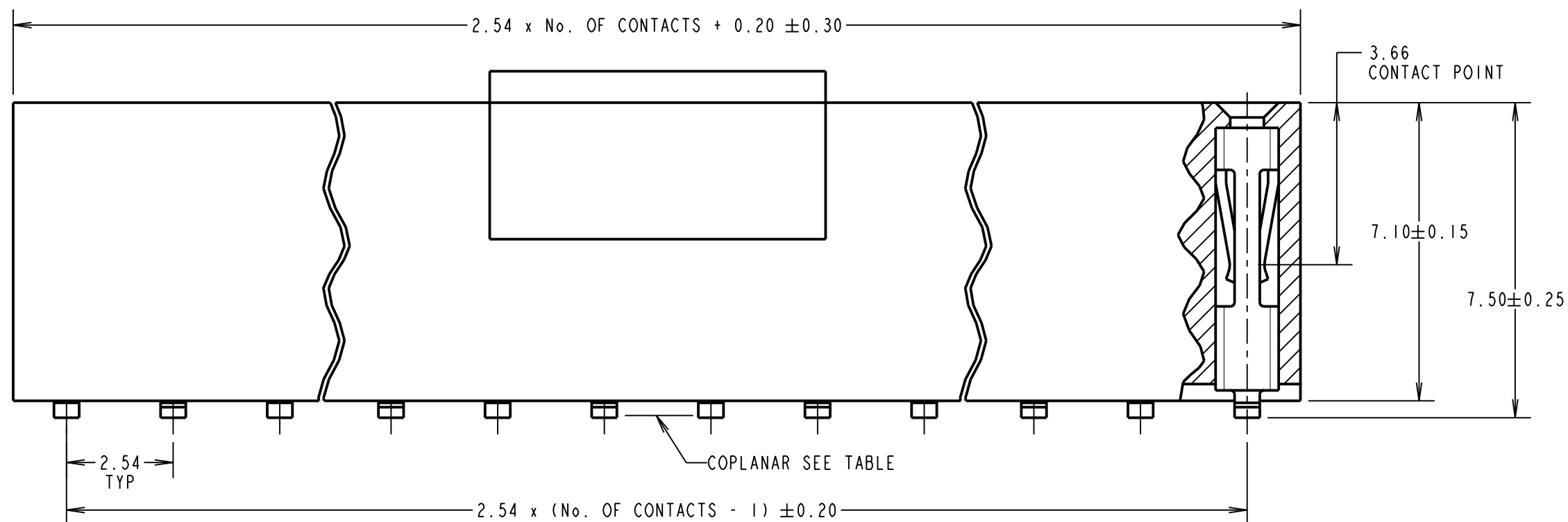
ALL DIMENSIONS IN mm



No OF CONTACTS	COPLANARITY TOLERANCE
1x02 TO 1x10	0.12mm MAX
1x11 TO 1x15	0.15mm MAX
1x16 TO 1x20	0.15mm MAX
1x21 TO 1x25	0.20mm MAX
1x26 TO 1x30	0.25mm MAX
1x31 TO 1x35	0.30mm MAX
1x36 TO 1x40	0.35mm MAX

NOTES:

1. CO-PLANARITY: FLATNESS OF SMT TAILS MUST NOT EXCEED VALUES GIVEN IN TABLE.



SPECIFICATION:

MATERIAL:

MOULDING = NYLON 6T UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

FINISH (OVER NICKEL):

42 = GOLD ON CONTACT AREA, 100% TIN ON TAILS

46 = 100% TIN

ELECTRICAL:

CURRENT RATING = 3A

VOLTAGE PROOF = 600V AC FOR 1 MINUTE

CONTACT RESISTANCE = $20\text{m}\Omega$ MAXINSULATION RESISTANCE = $1,000\text{M}\Omega$ MIN

MECHANICAL:

DURABILITY = 300 CYCLES MIN

INSERTION FORCE = 2.0N MAX

WITHDRAWAL FORCE = 0.3N MIN

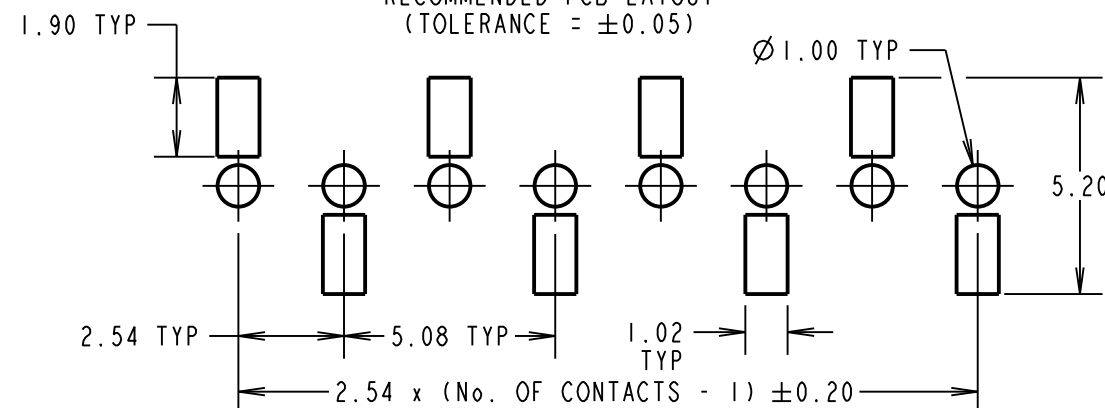
ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO $+105^\circ\text{C}$

PACKING:

TUBE

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

RECOMMENDED PCB LAYOUT
(TOLERANCE = ± 0.05)

ORDER CODE:

M20-786XXXXP

No. OF CONTACTS
02 TO 40

FINISH

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

MSP	8	12.12.16	13421
NAME	ISS.	DATE	C/NOTE
APPROVED:	M.PERREN		
CHECKED:	S.BENNETT		
DRAWN:	J. BROOKES		
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²TITLE: 2.54mm PITCH SIL
VERTICAL FEMALE SMT SKT ASSY
DUAL ENTRY - PICK/PLACE CAP

DRAWING NUMBER:

M20-786XXXXP

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

<u>M20-7863942P</u>	<u>M20-7864042P</u>	<u>M20-7862842P</u>	<u>M20-7863342P</u>	<u>M20-7863442P</u>	<u>M20-7860742P</u>	<u>M20-7860442P</u>
<u>M20-7861642P</u>	<u>M20-7860342P</u>	<u>M20-7862342P</u>	<u>M20-7860942P</u>	<u>M20-7861542P</u>	<u>M20-7860246P</u>	<u>M20-7861442P</u>
<u>M20-7863142P</u>	<u>M20-7863842P</u>	<u>M20-7861042P</u>	<u>M20-7862142P</u>	<u>M20-7863742P</u>	<u>M20-7861342P</u>	<u>M20-7863042P</u>
<u>M20-7860542P</u>	<u>M20-7860242P</u>	<u>M20-7861742P</u>	<u>M20-7862442P</u>	<u>M20-7862742P</u>	<u>M20-7863542P</u>	<u>M20-7863642P</u>
<u>M20-7860642P</u>	<u>M20-7861942P</u>	<u>M20-7860842P</u>	<u>M20-7861142P</u>	<u>M20-7861842P</u>	<u>M20-7862242P</u>	<u>M20-7862642P</u>
<u>M20-7861242P</u>	<u>M20-7862042P</u>	<u>M20-7862542P</u>	<u>M20-7862942P</u>	<u>M20-7863242P</u>		