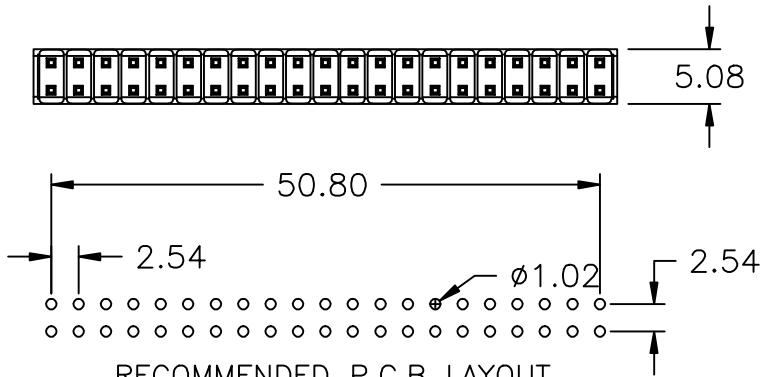
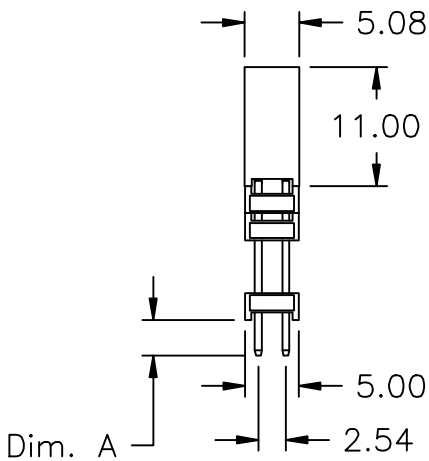
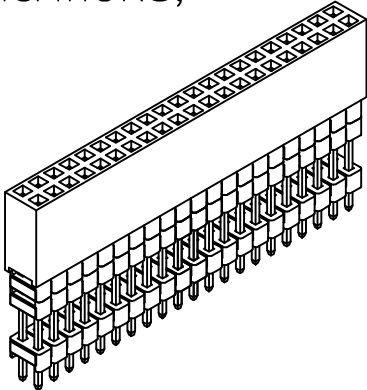
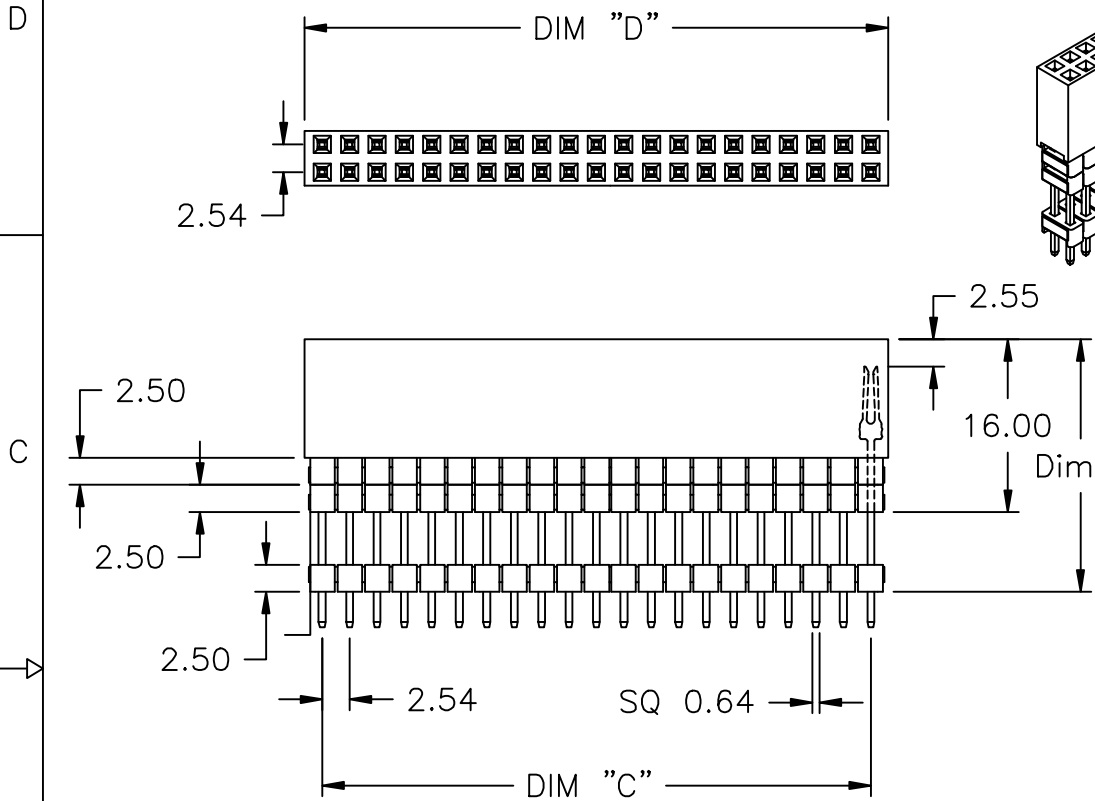


3M™ CONNECTOR FOR PC104 EMBEDDED SYSTEM APPLICATIONS,
BUS COMPATIBLE



RECOMMENDED P.C.B LAYOUT
TOLERANCES: ±0.05mm

- NOTES:
- MATERIAL:
CONTACT MATERIAL: PHOSPHOR BRONZE
INSULATOR MATERIAL: POLYESTER NYLON-6T
UL 94V-0
 - PLATING: $\mu\text{m}[\mu\text{m}]$
-DA
0.08[3] MIN Au FEMALE CONTACTS
0.08[3] MIN Au MALE CONTACTS
1.27[50] MIN Ni UNDERCOAT
-MG
0.38[15] MIN Au FEMALE CONTACTS
0.08[3] MIN Au MALE CONTACTS
1.27[50] MIN Ni UNDERCOAT
-SL
0.38[15] MIN Au FEMALE CONTACTS
2.54[100] MIN Sn NON-STACK-THRU TAILS
1.27[50] MIN Ni UNDERCOAT
 - CURRENT RATING: 3 AMPS
INSULATOR RESISTANCE: 5000 MEGA OHMS MIN
CONTACT RESISTANCE: 20 MILLIOHMS MAX
DIELECTRIC WITHSTAND: 1000 VAC
OPERATING TEMPERATURE: -40°C TO +85°C
MAX PROCESSING TEMPERATURE: 230°C FOR 60 SECONDS
260°C FOR 10 SECONDS
 - SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF: WWW.3MCONNECTOR.COM FOR COMPLIANCE INFORMATION (RIA E1 & C1 APPLY).
 - IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPEC., THE PRODUCT SPEC. TAKES PRECEDENT.
 - REFERENCE DOCUMENT 78-9101-3959-7
 - PART NO: SEE TABLE

TYPE	PART NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	MIN STANDOFF
40-PIN NON-STACK-THRU SOLDER	4P01-2L02-XX	3.30	23.40	48.26	51.50	27.4
64-PIN NON-STACK-THRU SOLDER	4P02-2L02-XX	3.30	23.40	78.74	81.98	27.4

-XX IS PLATING TYPE

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DISTRIBUTION CODES		DATE	02/02/11	MFG	DATE	
	ECO	CHKD	TS	DATE	02/02/11	APPL
DIVISION	DIVISION CODE	3M 3M Center St. Paul, MN 55144				
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 1994	INCHES .0 ± .00 .00 ± .000 .000 ± .0000				
MAX SURFACE ROUGHNESS □ ALL SURFACES ✓ □ MARKED ONLY	MAX SURFACE ROUGHNESS .0 ± .3 .00 ± .20 .000 ± .000	MILLIMETERS 0 ± .0 .0 ± .3 .00 ± .20 .000 ± .000				
ANGLES ±		TITLE 4P0X-2L02-XX, PC104, BUS COMPATIBLE, CONNECTORS				
		CAGE NUMBER	SIZE C	DRAWING NO. 78-5100-2395-1	REV. A	
		MODEL			DET. LISTS	YES NO SHT 1 OF 2

3M™ CONNECTOR FOR PC104 EMBEDDED SYSTEM APPLICATIONS,
BUS COMPATIBLE

PC104 CONNECTOR ORDERING GUIDE

4P

0

X

-

2

X

0

2

-

XX

PRODUCT FAMILY:
PC104

No. CONTACTS:
1=40
2=64

PLATING OPTIONS: $\mu\text{M}[\mu"]$
DA = 0.08[3] MIN Au ALL OVER
1.27[50] MIN Ni ALL OVER

MG = 0.38[15] MIN Au FEMALE CONTACTS
0.08[3] MIN Au TAIL AREA
1.27[50] MIN Ni ALL UNDER

SL = 0.38[15] MIN Au FEMALE CONTACTS
2.54[100] MIN MATTE Sn TAILS
1.27[50] MIN Ni ALL UNDER
(NON-STACK-THRU ONLY)

TAIL TYPE:
2=SOLDER

BODY
HEIGHT:
L=23.4

TAIL
LENGTH:
3.3

STANDOFF HEIGHT:
[MIN-MAX]mm
[27.4-]

NOTE: STANDOFF HEIGHT, 15mm = COMPLIANT,
OTHERS = BUS COMPATIBLE
TAIL LENGHT, > 4.3mm = STACK-THRU
< 4.2mm = NON-STACK-THEU

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES		ECO		DRFT	MWL	DATE	02/02/11	MFG	DATE
				CHKD	TS	DATE	02/02/11	APPL	DATE
DIVISION		DIVISION CODE		<div><div>3M</div><div>3M Center St. Paul, MN 55144</div><div>© 3M COPYRIGHT This document is the copyrighted property of the 3M Company and may not be reproduced without 3M written permission or used for other than 3M authorized purposes.</div></div>					
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED					
				INCHES .0 ± .00 ± .000 ± .0000 ±					
THIRD ANGLE PROJECTION				MILLIMETERS 0 ± .0 ±.3 .00 ±.20 .000 ±					
INTERPRET PER ASME Y14.5 - 1994				TITLE 4P0X-2L02-XX, PC104, BUS COMPATIBLE, CONNECTORS					
MAX SURFACE ROUGHNESS <input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY				CAGE NUMBER C		SIZE 78-5100-2395-1		DRAWING NO. REV. A	
		ANGLES ±		MODEL		DET. LISTS		YES NO SHT 2 OF 2	

Mouser Electronics

Authorized Distributor

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

3M:

4P02-2L02-DA