

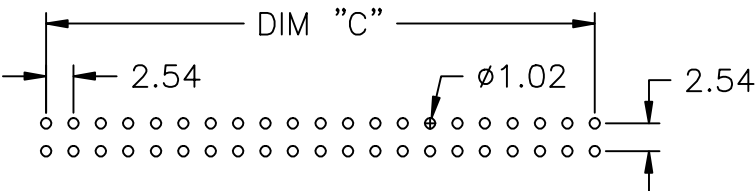
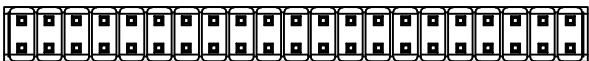
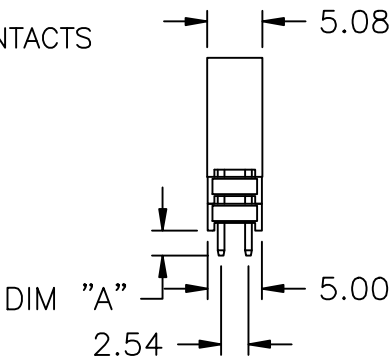
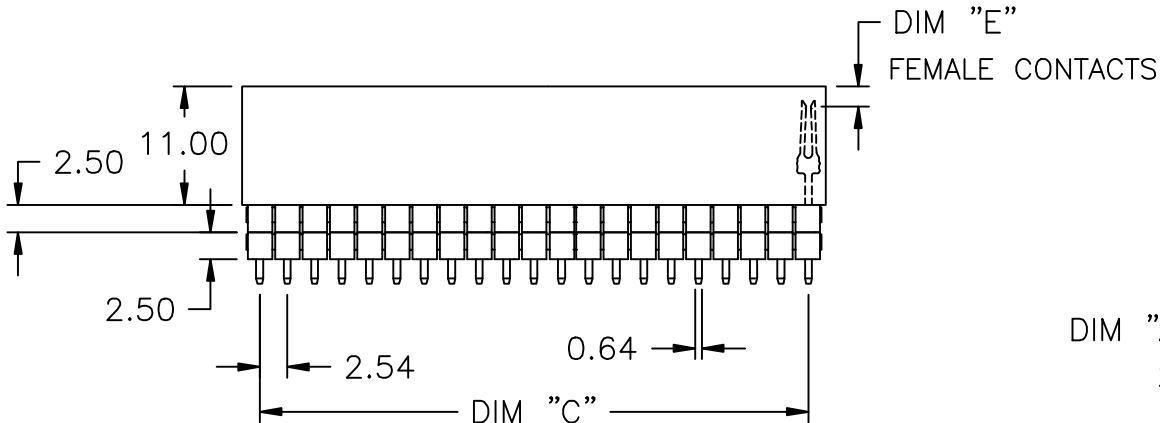
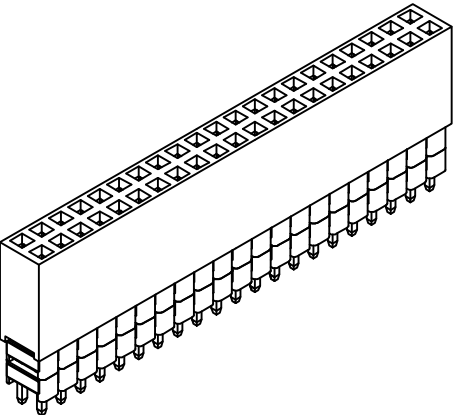
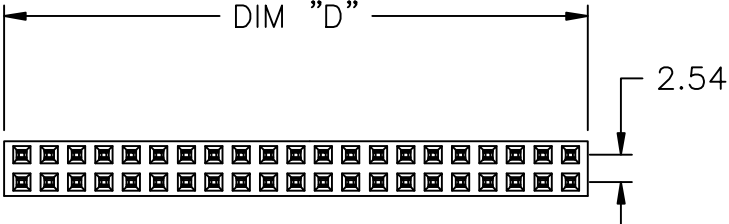
3M™ CONNECTOR FOR PC104 EMBEDDED SYSTEM APPLICATIONS,
BUS COMPATIBLE

D

C

B

A



RECOMMENDED P.C. BOARD
HOLE LAYOUT

- NOTES:
1. MATERIAL:
CONTACT MATERIAL: PHOSPHOR BRONZE
INSULATOR MATERIAL: POLYESTER NYLON-6T
UL 94V-0
 2. PLATING: $\mu\text{M}[\mu"]$
-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
 3. CURRENT RATING: 3 AMPS
INSULATOR RESISTANCE: 5000 MEGA OHMS MIN
CONTACT RESISTANCE: 20 MILLIOHMS MAX
DIELECTRIC WITHSTAND: 1000 VAC
OPERATING TEMPERATURE: -40°C TO +105°C
MAX PROCESSING TEMPERATURE: 230°C FOR 60 SECONDS
260°C FOR 10 SECONDS
 4. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF: WWW.3MCONNECTOR.COM FOR COMPLIANCE INFORMATION (RIA E1 & C1 APPLY).
 5. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPEC., THE PRODUCT SPEC. TAKES PRECEDENT.
 6. REFERENCE DOCUMENT 78-9101-3959-7
 7. PART NO: SEE TABLE

TYPE	PART NO.	DIM "A"	DIM "C"	DIM "D"	DIM "E"	MIN STANDOFF
40-PIN NON-STACK-THRU SOLDER	4P01-2J02-XX	2.29	48.26	51.50	1.87	20.0
40-PIN NON-STACK-THRU SOLDER	4P01-2K02-XX	2.29	48.26	51.50	1.87	20.0
64-PIN NON-STACK-THRU SOLDER	4P02-2J02-XX	3.00	78.74	81.98	2.55	20.0
64-PIN NON-STACK-THRU SOLDER	4P02-2K02-XX	3.00	78.74	81.98	2.55	20.0

-XX IS PLATING TYPE

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DISTRIBUTION CODES		DATE	02/02/11	MFG	DATE	
		CHGD	TS	DATE	02/02/11	APPL
DIVISION	DIVISION CODE	3M Center St. Paul, MN 55144				
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION		INCHES				
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS				
MAX SURFACE ROUGHNESS		CAGE NUMBER				
□ ALL SURFACES		SIZE				
✓ □ MARKED ONLY		DRAWING NO.				
		MODEL				
		DET. LISTS				
		YES NO SHT 1 OF 2				

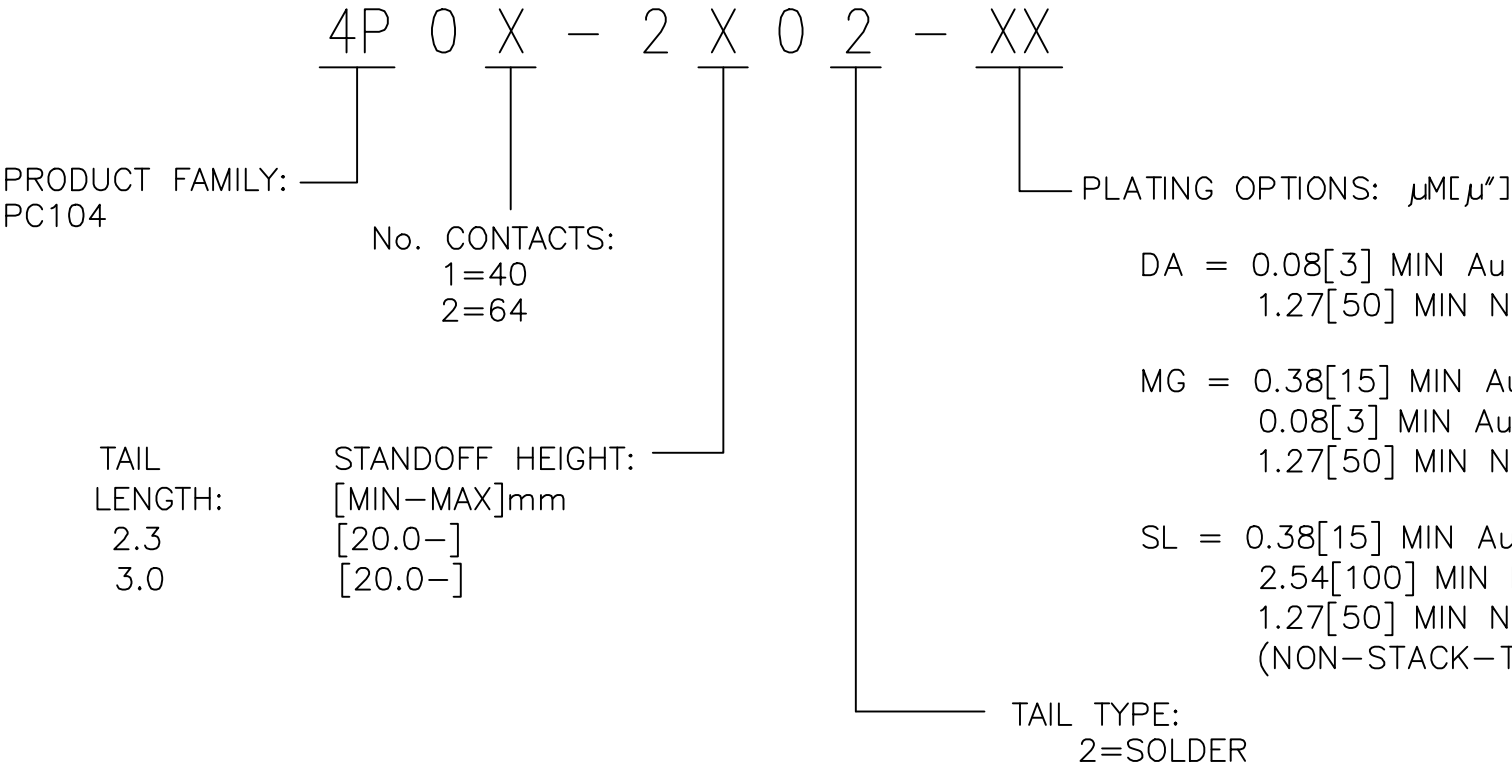
4P0X-2X02-XX, PC104, BUS COMPATIBLE, CONNECTORS

78-5100-2393-6

REV. A

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

PC104 CONNECTOR ORDERING GUIDE



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>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>					
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED					
				INCHES .0 ± .000 .00 ± .000 .000 ± .000 MILLIMETERS 0 ± .0 .0 ± .3 .00 ± .20 .000 ± .000					
THIRD ANGLE PROJECTION				TITLE 4P0X-2X02-XX, PC104, BUS COMPATIBLE, CONNECTORS					
INTERPRET PER ASME Y14.5 - 1994				CAGE NUMBER		SIZE	DRAWING NO.	REV.	
MAX SURFACE ROUGHNESS <input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY				MODEL			78-5100-2393-6	A	
		ANGLES ±				DET. LISTS		YES NO SHT 2 OF 2	

Mouser Electronics

Authorized Distributor

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

3M:

[4P01-2K02-DA](#) [4P01-2J02-DA](#)