

DESIGN REFERENCE				NEXT ASSEMBLY				REV		ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD	
DISTRIBUTION CODES								DRFT		MNL		DATE 02/02/11				WFG		DATE	
								CHKD		TS		DATE 02/02/11				APPL		DATE	
DIVISION				DIVISION CODE						3M Center St. Paul, MN 55144		© 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.							
DO NOT SCALE DRAWING				SCALE _____															
								 INCHES .01 ± .00 ± .000 ± .0000 ± 		TITLE		4POX-2X02-XX, PC104, COMPLIANT, CONNECTORS							
THIRD ANGLE PROJECTION								 MILLIMETERS 0 ± .01 ± .3 .00 ± .2 .000 ± 		CAGE NUMBER									
MAX SURFACE ROUGHNESS ☐ ALL SURFACES ☒ MARKED ONLY				ANGLES ±				78-5100-2392-8		78-5100-2392-8		78-5100-2392-8				78-5100-2392-8			
☒ ANGLES ±								MODEL		DET.		YES NO		SHT 1 OF 2					

3M™ CONNECTOR FOR PC104 EMBEDDED SYSTEM APPLICATIONS,
COMPLIANT AND 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: μ M[μ "]

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

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

BODY	TAIL	STANDOFF HEIGHT:
HEIGHT:	LENGTH:	[MIN-MAX]mm
A=11.0	3.2	[15.0-]
B=11.0	6.0	[11.3-13.0]
C=11.0	7.9	[11.3-14.9]
D=11.0	12.0	[15.0-19.0]

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THIRD ANGLE PROJECTION		TOLERANCES EXCEPT AS NOTED		TITLE					
INTERPRET PER ASME Y14.5 - 1994		INCHES		4P0X-2X02-XX, PC104, COMPLIANT, CONNECTORS					
MAX SURFACE ROUGHNESS		MILLIMETERS		CAGE NUMBER		SIZE		DRAWING NO.	
☐ ALL SURFACES		0 ± .3		C		78-5100-2392-8		REV. A	
☒ MARKED ONLY		.00 ± .20		MODEL		DET. LISTS		YES NO SHT 2 OF 2	
		ANGLES ±							