



RECOMMENDED PC BOARD LAYOUT
1.57[.062] PC BOARD
VIEWED FROM CONNECTOR SIDE

- 1 MATERIAL:
HOUSING: NYLON, 94V-0 RATED, COLOR: BLUE.
CONTACTS: PHOSPHOR BRONZE
- 2 FINISH:
CONTACTS: 0.76µm [.000030] MIN GOLD IN MATING AREA .00254 [.000100] MIN TIN ON SOLDER POST, ALL OVER 1.27µm [.000050] MIN NICKEL.
- 3 FINISH:
CONTACTS: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.
- 4 DATUMS AND BASIC DIMENSIONS TO BE ESTABLISHED BY CUSTOMER.
- 5 FINISH:
CONTACTS: 0.76µm [.000030] MIN GOLD IN MATING AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF .200 MIN FROM END OF SOLDER POST, GOLD FLASH ON REMAINDER, ALL OVER 1.27µm [.000050] MIN NICKEL.

CONTINUED ON SHEET 2

FINISH	DIM Z	DIM Y	DIM X	DIM W	DIM V	NUMBER OF POSITIONS	PART NUMBER
3	55.88[2.200]	22	58.83[2.316]	60.96[2.400]	0.00[.000]	46	4-1888292-0
2	55.88[2.200]	22	58.83[2.316]	60.96[2.400]	0.00[.000]	46	3-1888292-9
3	53.34[2.100]	21	56.29[2.216]	58.42[2.300]	1.27[.050]	44	3-1888292-8
2	53.34[2.100]	21	56.29[2.216]	58.42[2.300]	1.27[.050]	44	3-1888292-7
3	50.80[2.000]	20	53.75[2.116]	55.88[2.200]	0.00[.000]	42	3-1888292-6
2	50.80[2.000]	20	53.75[2.116]	55.88[2.200]	0.00[.000]	42	3-1888292-5
3	48.26[1.900]	19	51.21[2.016]	53.34[2.100]	1.27[.050]	40	3-1888292-4
2	48.26[1.900]	19	51.21[2.016]	53.34[2.100]	1.27[.050]	40	3-1888292-3
3	45.72[1.800]	18	48.67[1.916]	50.80[2.000]	0.00[.000]	38	3-1888292-2
2	45.72[1.800]	18	48.67[1.916]	50.80[2.000]	0.00[.000]	38	3-1888292-1
3	43.18[1.700]	17	46.13[1.816]	48.26[1.900]	1.27[.050]	36	3-1888292-0
2	43.18[1.700]	17	46.13[1.816]	48.26[1.900]	1.27[.050]	36	2-1888292-9
3	40.64[1.600]	16	43.59[1.716]	45.72[1.800]	0.00[.000]	34	2-1888292-8
2	40.64[1.600]	16	43.59[1.716]	45.72[1.800]	0.00[.000]	34	2-1888292-7
3	38.10[1.500]	15	41.05[1.616]	43.18[1.700]	1.27[.050]	32	2-1888292-6
2	38.10[1.500]	15	41.05[1.616]	43.18[1.700]	1.27[.050]	32	2-1888292-5
3	35.56[1.400]	14	38.51[1.516]	40.64[1.600]	0.00[.000]	30	2-1888292-4
2	35.56[1.400]	14	38.51[1.516]	40.64[1.600]	0.00[.000]	30	2-1888292-3
3	33.02[1.300]	13	35.97[1.416]	38.10[1.500]	1.27[.050]	28	2-1888292-2
2	33.02[1.300]	13	35.97[1.416]	38.10[1.500]	1.27[.050]	28	2-1888292-1
3	30.48[1.200]	12	33.43[1.316]	35.56[1.400]	0.00[.000]	26	2-1888292-0
2	30.48[1.200]	12	33.43[1.316]	35.56[1.400]	0.00[.000]	26	1-1888292-9
3	27.94[1.100]	11	30.89[1.216]	33.02[1.300]	1.27[.050]	24	1-1888292-8
2	27.94[1.100]	11	30.89[1.216]	33.02[1.300]	1.27[.050]	24	1-1888292-7
3	25.40[1.000]	10	28.35[1.116]	30.48[1.200]	0.00[.000]	22	1-1888292-6
2	25.40[1.000]	10	28.35[1.116]	30.48[1.200]	0.00[.000]	22	1-1888292-5
3	22.86[0.900]	9	25.81[1.016]	27.94[1.100]	1.27[.050]	20	1-1888292-4
2	22.86[0.900]	9	25.81[1.016]	27.94[1.100]	1.27[.050]	20	1-1888292-3
3	20.32[0.800]	8	23.27[0.916]	25.40[1.000]	0.00[.000]	18	1-1888292-2
2	20.32[0.800]	8	23.27[0.916]	25.40[1.000]	0.00[.000]	18	1-1888292-1
3	17.78[0.700]	7	20.73[0.816]	22.86[0.900]	1.27[.050]	16	1-1888292-0
2	17.78[0.700]	7	20.73[0.816]	22.86[0.900]	1.27[.050]	16	1888292-9
3	15.24[0.600]	6	18.19[0.716]	20.32[0.800]	0.00[.000]	14	1888292-8
2	15.24[0.600]	6	18.19[0.716]	20.32[0.800]	0.00[.000]	14	1888292-7
3	12.70[0.500]	5	15.65[0.616]	17.78[0.700]	1.27[.050]	12	1888292-6
2	12.70[0.500]	5	15.65[0.616]	17.78[0.700]	1.27[.050]	12	1888292-5
3	10.16[0.400]	4	13.11[0.516]	15.24[0.600]	0.00[.000]	10	1888292-4
2	10.16[0.400]	4	13.11[0.516]	15.24[0.600]	0.00[.000]	10	1888292-3
3	7.62[0.300]	3	10.57[0.416]	12.70[0.500]	1.27[.050]	8	1888292-2
2	7.62[0.300]	3	10.57[0.416]	12.70[0.500]	1.27[.050]	8	1888292-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN B1 MCMMASTER 07JUN06	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D GORENC 07JUN06	NAME	
DIMENSIONS: mm [INCHES]	0 PLC ± -	PRODUCT SPEC		
	1 PLC ± -	APPLICATION SPEC		
	2 PLC ± 0.13[.005]	SIZE		
	3 PLC ± -	CAGE CODE		
	4 PLC ± -	DRAWING NO		
	ANGLES ± -	RESTRICTED TO		
MATERIAL	FINISH	WEIGHT	A1 00779 C=1888292	
1	SEE TABLE	CUSTOMER DRAWING	SCALE 5:1	SHEET 1 OF 2 REV D

LOC		DIST		REVISIONS			
GP	00	FP	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

△ ₅	17.78[.700]	7	20.73[.816]	22.86[.900]	1.27[.050]	16	6-1888292-0
△ ₃	78.74[3.100]	31	81.69[3.216]	83.82[3.300]	1.27[.050]	64	5-1888292-8
△ ₂	78.74[3.100]	31	81.69[3.216]	83.82[3.300]	1.27[.050]	64	5-1888292-7
△ ₃	76.20[3.000]	30	79.15[3.116]	81.28[3.200]	0.00[.000]	62	5-1888292-6
△ ₂	76.20[3.000]	30	79.15[3.116]	81.28[3.200]	0.00[.000]	62	5-1888292-5
△ ₃	73.66[2.900]	29	76.61[3.016]	78.74[3.100]	1.27[.050]	60	5-1888292-4
△ ₂	73.66[2.900]	29	76.61[3.016]	78.74[3.100]	1.27[.050]	60	5-1888292-3
△ ₃	71.12[2.800]	28	74.07[2.916]	76.20[3.000]	0.00[.000]	58	5-1888292-2
△ ₂	71.12[2.800]	28	74.07[2.916]	76.20[3.000]	0.00[.000]	58	5-1888292-1
△ ₃	68.58[2.700]	27	71.53[2.816]	73.66[2.900]	1.27[.050]	56	5-1888292-0
△ ₂	68.58[2.700]	27	71.53[2.816]	73.66[2.900]	1.27[.050]	56	4-1888292-9
△ ₃	66.04[2.600]	26	68.99[2.716]	71.12[2.800]	0.00[.000]	54	4-1888292-8
△ ₂	66.04[2.600]	26	68.99[2.716]	71.12[2.800]	0.00[.000]	54	4-1888292-7
△ ₃	63.50[2.500]	25	66.45[2.616]	68.58[2.700]	1.27[.050]	52	4-1888292-6
△ ₂	63.50[2.500]	25	66.45[2.616]	68.58[2.700]	1.27[.050]	52	4-1888292-5
△ ₃	60.96[2.400]	24	63.91[2.516]	66.04[2.600]	0.00[.000]	50	4-1888292-4
△ ₂	60.96[2.400]	24	63.91[2.516]	66.04[2.600]	0.00[.000]	50	4-1888292-3
△ ₃	58.42[2.300]	23	61.37[2.416]	63.50[2.500]	1.27[.050]	48	4-1888292-2
△ ₂	58.42[2.300]	23	61.37[2.416]	63.50[2.500]	1.27[.050]	48	4-1888292-1
FINISH	DIM Z	DIM Y	DIM X	DIM W	DIM V	NUMBER OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN 07JUN06 D MCMMASTER		TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC ± -		1 PLC ± -		D GORENC	
2 PLC ± 0.13[.005]		3 PLC ± -		D GORENC	
4 PLC ± -		ANGLES ± -		PRODUCT SPEC	
MATERIAL FINISH		WEIGHT		APPLICATION SPEC	
		A1 00779		SIZE CAGE CODE DRAWING NO	
		CUSTOMER DRAWING		SCALE 5:1 SHEET 2 OF 2 REV D	