

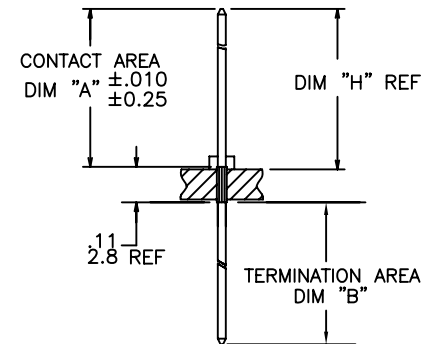
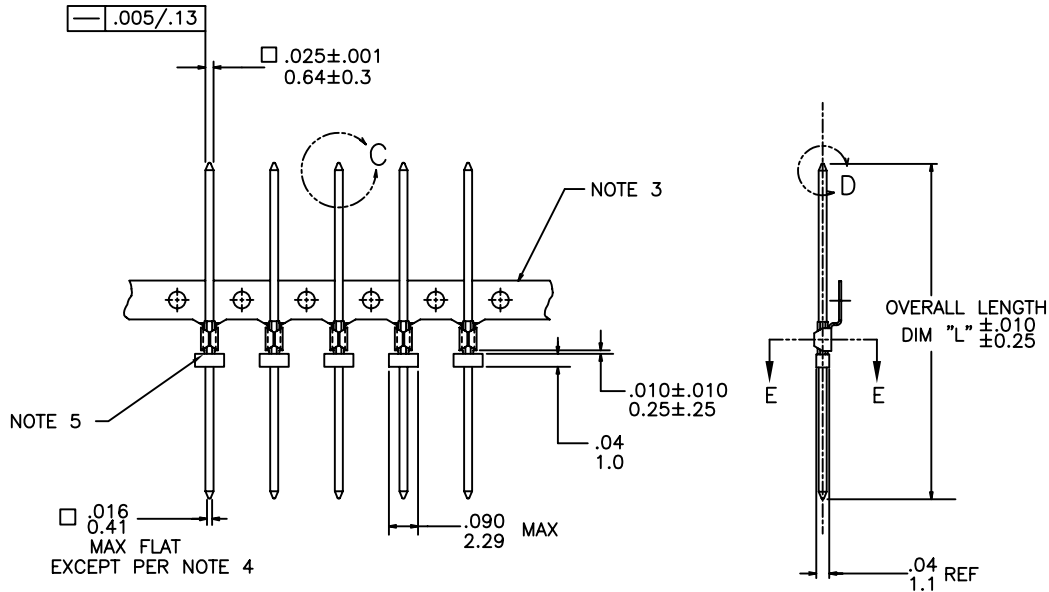
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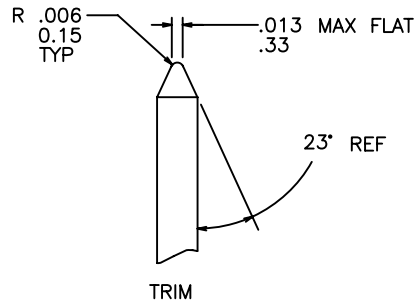
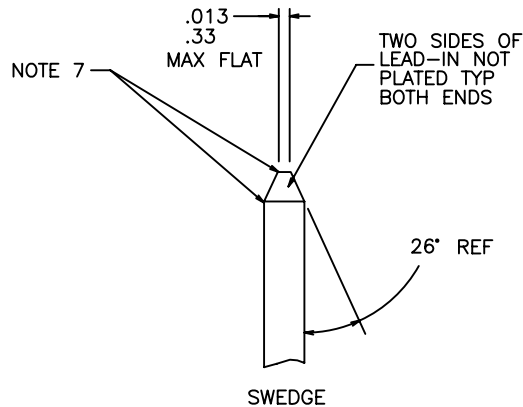
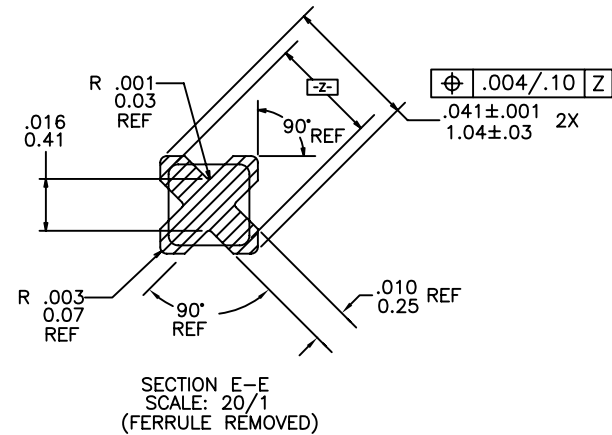
SECTION THRU PC BOARD



mat'l. code				surface		tolerance		projection		product family			
NOTE 1				ASME Y14.5		ASME Y14.5		INCH/MM		PIN PRODUCTS			
ltr	ecr no	dr	date	tolerances unless otherwise specified		XX±.01/XX±3		scale 2:1		title			
L	V01594	JRW	7/13/00	angles		XXX±.005/XXX±.18		FCI		BERGPIN® WITH .041/1.04 DIA.			
M	V02315	LSS	9/13/00	0° ±2°		XXXX±.0020/XXXX±.051		sheet 1 of 4		.110/2.79 LONG STAR W/SOLDER WASHER			
N	V06-0682	JRV	2006-07-19	dr		M. CORNMANN 2/7/91		size		A4			
				engr		S. AURAND 2/7/91		type		CUSTOMER Drawing			
				chr		S. AURAND 2/7/91							
				appd		S. AURAND 2/7/91							
sheet	revision	N	N	N	N								
index	sheet	1	2	3	4								

PRODUCT NUMBER

SEE TABLE


 DETAIL C
 SCALE: 10/1
 TYP BOTH ENDS

 DETAIL D
 SCALE: 10/1
 TYP BOTH ENDS


NOTES:

- ① PIN MATERIAL: 3/4 HARD PHOS BRONZE
ASTM B-159-66
2. PC BOARD HOLE SIZE .034/.86±.002/.05 FOR
.062/1.59 BOARD AND .036/.91±.002/.05
FOR .093/2.36 AND .125/3.18 BOARDS.
- ③ FOR MANUFACTURING PURPOSES ONLY.
- ④ DOUBLE ENDED PINS AS MARKED MUST MEET SPECS
IN VIEWS C AND D ON BOTH ENDS. OTHERS TO
HAVE .016/.41 MAX DIM ON BOTTOM END OF PIN.
- ⑤ SOLDER MAY BULGE IN THIS AREA BUT WILL
NOT TOUCH FERRULE.
6. "A" DIM. IS TO FEATURE ON PIN.
"H" DIM. IS ABOVE BOARD.
"B" DIM. IS TO FEATURE ON PIN.
- ⑦ BURNISH MARKS ON PIN PERMITTED.
BURR: .003/.08 MAX, BULGE: .0005/.013 MAX TYP.

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection 	product family PIN PRODUCTS	
ltr	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM	title	
N				angles	XX±.01/XX±.3 XXX±.005/XXX±.18		BERGPIN® WITH .041/1.04 DIA.	
				0° ±2°	XXXX±.0020/XXXX±.051	scale 1:1	.110/2.79 LONG STAR W/SOLDER WASHER	
		dr	M. CORNMANN	2/6/91			dwg no	sheet 2 of
		engr	S. AURAND	2/6/91			76644	size
		chr	S. AURAND	2/6/91				A4
		appd	S. AURAND	2/6/91			type	CUSTOMER Drawing
sheet index	revision sheet							



PRODUCT NUMBER	CONTACT AREA		TERM. AREA		DIM H FOR .093/2.36 BOARD		DIM H FOR .125/3.18 BOARD		OVERALL LENGTH		NOTE 4
	DIM A	DIM A	DIM B	DIM B					DIM L	DIM L	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
76644-X01	0.240	6.10	0.040	1.02	0.248	6.30	0.232	5.89	0.390	9.91	—
76644-X02	0.270	6.86	0.040	1.02	0.278	7.06	0.262	6.65	0.420	10.67	—
76644-X03	0.245	6.22	0.073	1.85	0.253	6.43	0.237	6.02	0.430	10.92	—
76644-X04	0.290	7.37	0.040	1.02	0.298	7.57	0.282	7.16	0.440	11.18	—
76644-X05	0.310	7.87	0.040	1.02	0.318	8.08	0.302	7.67	0.460	11.68	—
76644-X06	0.330	8.38	0.040	1.02	0.338	8.59	0.322	8.18	0.480	12.19	—
76644-X07	0.335	8.51	0.055	1.40	0.343	8.71	0.327	8.31	0.500	12.70	—
76644-X08	0.310	7.87	0.090	2.29	0.318	8.08	0.302	7.67	0.510	12.95	YES
76644-X09	0.365	9.27	0.042	1.07	0.373	9.47	0.357	9.07	0.517	13.13	—
76644-X10	0.310	7.87	0.120	3.05	0.318	8.08	0.302	7.67	0.540	13.72	YES
76644-X11	0.390	9.91	0.040	1.02	0.398	10.11	0.382	9.70	0.540	13.72	—
76644-X12	0.450	11.43	0.040	1.02	0.458	11.63	0.442	11.23	0.600	15.24	—
76644-X13	0.365	9.27	0.135	3.43	0.373	9.47	0.357	9.07	0.610	15.49	YES
76644-X14	0.468	11.89	0.042	1.07	0.476	12.09	0.460	11.68	0.620	15.75	—
76644-X15	0.658	16.71	0.042	1.07	0.666	16.92	0.650	16.51	0.810	20.57	—
76644-X16	0.720	18.29	0.040	1.02	0.728	18.49	0.712	18.08	0.870	22.10	—
76644-X17	0.275	6.99	0.255	6.48	0.283	7.19	0.267	6.78	0.640	16.26	YES
76644-X18	0.365	9.27	0.055	1.40	0.373	9.47	0.357	9.07	0.530	13.46	—
76644-X19	0.403	10.24	0.315	8.00	0.411	10.44	0.395	10.03	0.828	21.03	YES
76644-X20	0.591	15.01	0.315	8.00	0.599	15.21	0.583	14.81	1.016	25.81	YES
76644-X21	0.275	6.99	0.179	4.55	0.283	7.19	0.267	6.78	0.564	14.33	YES
76644-X22	0.585	14.86	0.240	6.10	0.593	15.06	0.577	14.66	0.940	23.88	YES
76644-X23	0.190	4.83	0.045	1.14	0.198	5.03	0.182	4.62	0.345	8.76	—
76644-X24	0.535	13.59	0.045	1.14	0.543	13.79	0.527	13.39	0.690	17.53	—
76644-X25	0.358	9.09	0.382	9.70	0.366	9.30	0.350	8.89	0.850	21.59	—
76644-X26	0.585	14.86	0.355	9.02	0.593	15.06	0.577	14.66	1.050	26.67	—
76644-X27			U N A	S S I G	N E D						
76644-X28			U N A	S S I G	N E D						
76644-X29	0.715	18.16	0.337	8.56	0.723	18.36	0.707	17.96	1.162	29.51	—
76644-X30	0.485	12.32	0.105	2.67	0.493	12.52	0.477	12.12	0.700	17.78	YES

PART No	PLATING	UNDERPLATING
76644-1YY	30u"/.76u MIN Au	50u"/1.27u MIN Ni
↑ -2YY	U N A S S I G N E D	
-3YY	50u"/1.27u MIN Au	50u"/1.27u MIN Ni
-4YY	120u"/3.05u MIN 93/7 SnPb	50u"/1.27u MIN Ni
-5YY	30u"/.76u MIN GXT™	50u"/1.27u MIN Ni
-6YY	15u"/.38u MIN GXT™	50u"/1.27u MIN Ni
↓ -7YY	U N A S S I G N E D	
-8YY	U N A S S I G N E D	
76644-9YY	15u"/.38u MIN Au	50u"/1.27u MIN Ni

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection 	product family PIN PRODUCTS
ltr	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM	title
N				angles	XX±.01/XX±3 XXX±.005/XXX±.01 XXXX±.0020/XXXX±.051		BERGPIN® WITH .041/1.04 DIA. .110/2.79 LONG STAR W/SOLDER WASHER
				dr	T. BREWBAKER	7/29/96	dwg no
				engr	L. FYE	7/29/96	sheet 3 of
				chr	T. BREWBAKER	7/29/96	size
				appd	L. FYE	7/29/96	A4
sheet index	revision sheet						type
							CUSTOMER Drawing



PRODUCT NUMBER	CONTACT AREA		TERM. AREA		DIM H FOR .093/2.36 BOARD		DIM H FOR .125/3.18 BOARD		OVERALL LENGTH		NOTE 4
	DIM A	DIM A	DIM B	DIM B					DIM L	DIM L	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
76644-X31	0.585	14.86	0.105	2.67	0.593	15.06	0.577	14.66	0.800	20.32	YES
76644-X32	0.258	6.55	0.052	1.32	0.266	6.76	0.250	6.35	0.420	10.67	—
76644-X33	0.360	9.14	0.040	1.02	0.368	9.35	0.352	8.94	0.510	12.95	—
76644-X34	0.430	10.92	0.040	1.02	0.438	11.13	0.422	10.72	0.580	14.73	—
76644-X35	0.470	11.94	0.460	11.68	0.478	12.14	0.462	11.73	1.040	26.42	YES
76644-X36	0.310	7.87	0.270	6.86	0.318	8.08	0.302	7.67	0.690	17.53	YES
76644-X37	0.408	10.36	0.042	1.07	0.416	10.57	0.400	10.16	0.560	14.22	—
76644-X38	0.188	4.78	0.042	1.07	0.196	4.98	0.180	4.57	0.340	8.64	—
76644-X39	0.590	14.99	0.040	1.02	0.598	15.19	0.582	14.78	0.740	18.80	—
76644-X40	0.248	6.30	0.042	1.07	0.256	6.50	0.240	6.10	0.400	10.16	—
76644-X41	0.268	6.81	0.142	3.61	0.276	7.01	0.260	6.60	0.520	13.21	—
76644-X42	0.310	7.87	0.170	4.32	0.318	8.08	0.302	7.67	0.590	14.99	—
76644-X43	0.268	6.81	0.212	5.38	0.278	7.06	0.262	6.65	0.590	14.99	—
76644-X44	0.340	8.64	0.130	3.30	0.348	8.84	0.332	8.43	0.580	14.73	—
76644-X45	0.300	7.62	0.340	8.64	0.308	7.82	0.292	7.42	0.750	19.05	YES
76644-X46	0.300	7.62	0.610	15.49	0.308	7.82	0.292	7.42	1.020	25.91	YES
76644-X47	0.330	8.38	0.370	9.40	0.338	8.59	0.322	8.18	0.810	20.57	YES
76644-X48	0.680	17.27	0.360	9.14	0.688	17.48	0.672	17.07	1.150	29.21	YES
76644-X49	0.560	55.00	0.040	1.02	0.568	14.43	0.552	14.02	0.710	18.03	—
76644-X50	0.690	17.53	0.040	1.02	0.698	17.73	0.682	17.32	0.840	21.34	—
76644-X51	0.567	14.40	0.256	6.50	0.575	14.61	0.559	14.20	0.933	23.70	YES
76644-X52	0.360	9.14	0.310	7.87	0.368	9.35	0.352	8.94	0.780	19.81	—
76644-X53	0.526	13.36	0.526	13.36	0.534	13.56	0.518	13.16	1.162	29.51	—
76644-X54	0.510	12.95	0.075	1.91	0.518	13.16	0.502	12.75	0.695	17.65	—
76644-X55	0.705	17.91	0.040	1.02	0.713	18.11	0.697	17.70	0.855	21.72	—
76644-X56	0.230	5.84	0.235	5.97	0.238	6.05	0.222	5.64	0.575	14.61	—
76644-X57	0.976	24.79	0.292	7.42	0.984	24.99	0.968	24.59	1.378	35.00	—
76644-X58	0.515	13.08	0.040	1.02	0.523	13.28	0.507	12.88	0.665	16.89	—

mat'l. code				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family PIN PRODUCTS	
ltr				ecr no		dr		date		title	
N										BERGPIN® WITH .041/1.04 DIA.	
										.110/2.79 LONG STAR W/SOLDER WASHER	
										dwg no	
										sheet 4 of	
										size	
										A4	
										type	
										CUSTOMER Drawing	
sheet index				revision sheet							

Mouser Electronics

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