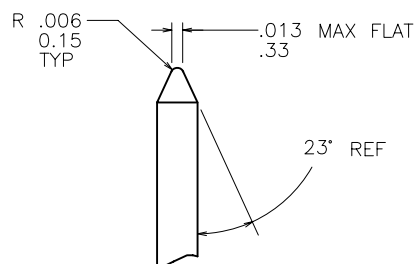
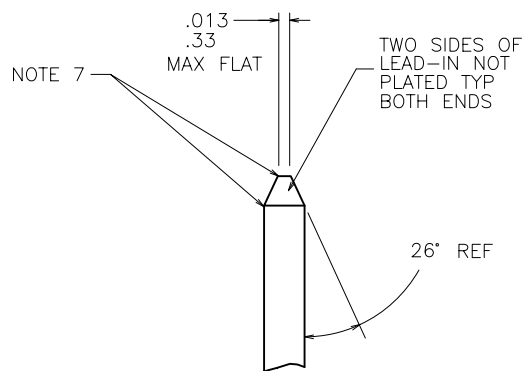
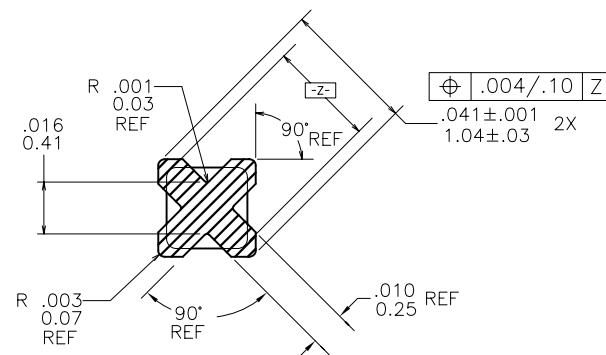


PRODUCT NUMBER
 SEE TABLE


TRIM

 DETAIL C
 SCALE: 10/1
 TYP BOTH ENDS


SWEDGE

 DETAIL D
 SCALE: 10/1
 TYP BOTH ENDS

 SECTION E-E
 SCALE: 20/1
 (FERRULE REMOVED)

NOTES:

- ① PIN MATERIAL: 3/4 HARD PHOS BRONZE
ASTM B-159-66
2. SEE PRODUCT SPECIFICATION BUS-12-064 FOR P.C. BOARD HOLE DIAMETER AND P.C. BOARD PLATING INFORMATION.
- 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 [0.41] 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 [0.08] MAX, BULGE: .0005 [.013] MAX TYP.

mat'l. code SEE NOTE 1				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
P				angles	XX*.01/X*.3 XXX*.005/XXX*.13		BERGPIN® .200"[5.08]cc .041"[1.04] DIA., .110"[2.79] LONG STAR WITH SOLDER WASHER
				0° ±2'	XXXX*.0020/XXX*.051	scale 1:1	dwg no
		dr	M. CORNMAN	1991-02-06			sheet 2 of 4
		engr	S. AURAND	1991-02-06			size
		chr	S. AURAND	1991-02-06			76644
		appd	S. AURAND	1991-02-06			A4
sheet index	revision sheet						type CUSTOMER Drawing

PART NUMBER	PLATING	UNDERPLATING
76644-1YY	30μ" [0.76μ] MIN Au	50μ" [1.27μ] MIN N
76644-2YY	U N A S S I G N E D	
76644-3YY	50μ" [1.27μ] MIN Au	50μ" [1.27μ] MIN N
76644-4YY	120μ" [3.05μ] MIN 93/7 SnPb	50μ" [1.27μ] MIN N
76644-5YY	30μ" [0.76μ] MIN GXT™	50μ" [1.27μ] MIN N
76644-6YY	15μ" [0.38μ] MIN GXT™	50μ" [1.27μ] MIN N
76644-7YY	U N A S S I G N E D	
76644-8YY	U N A S S I G N E D	
76644-9YY	15μ" [0.38μ] MIN Au	50μ" [1.27μ] MIN N

form: A4mmXlc



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 SEE NOTE 1				surface ASME Y14.5 ☒		tolerance ASME Y14.5		projection 		product family PIN PRODUCTS		
ltr	ecr no	dr	date	tolerances unless otherwise specified						title		
P				angles	XX*01/XX*3					BERGPIN® .200"[5.08]cc		
					XXX*005/XX*13					.041"[1.04] DIA., .110"[2.79] LONG STAR		
				0° ±2°	XXXX*0020/XXX*051			scale 1:1		WITH SOLDER WASHER		
				dr	T. BREWBAKER	1996-07-29				dwg no		
				enr	L. FYE	1996-07-29				sheet 4 of 4		size
				chr	T. BREWBAKER	1996-07-29				76644		A4
				appd	L. FYE	1996-07-29				type		CUSTOMER Drawing
sheet index	revision sheet											

Mouser Electronics

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