



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

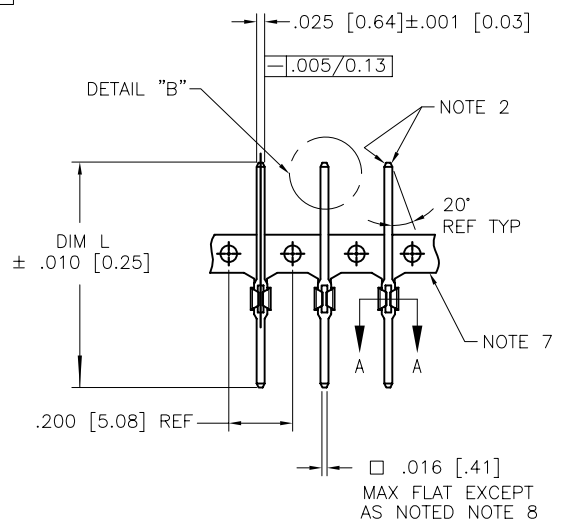
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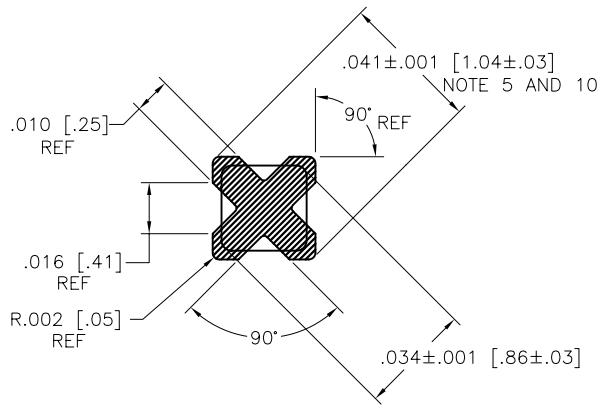
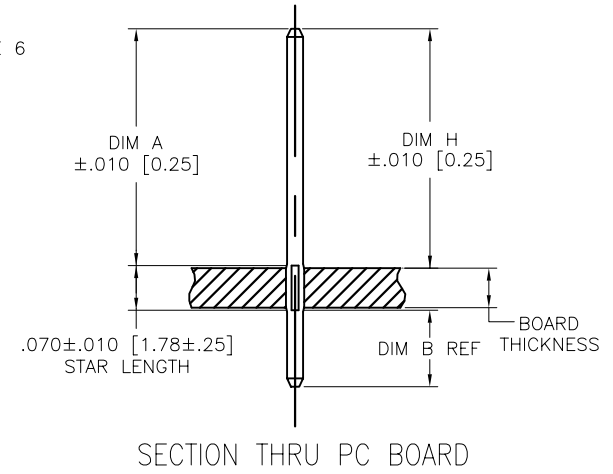
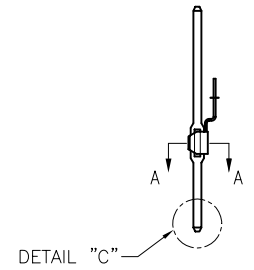
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



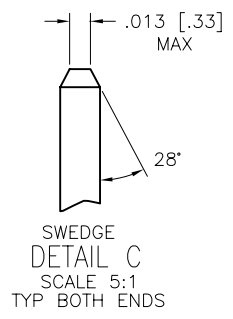
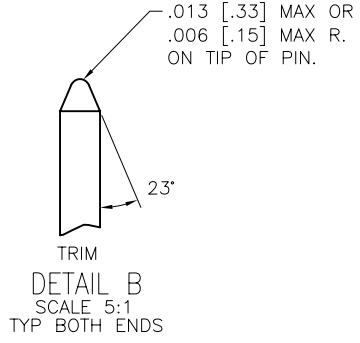
PRODUCT NUMBER
SEE TABLE



TWO SIDES OF LEAD-IN NOT PLATED TYP BOTH ENDS



SECTION A-A
SCALE 10:1
(FERRULE REMOVED)



mat'l. code SEE NOTE 1				surface ASME Y14.5		tolerance ASME Y14.5		projection		product family PIN PRODUCTS	
ltr	ec'n no	dr	date	tolerances unless otherwise specified				INCH/MM		title	
AK	V07-0009	HTB	2007-01-05	angles	XX*01/X*3					BERGPIN® .200"[5.08]cc	
AL	V08-0354	HTB	2008-08-21	0°±2'	XXX*005/XX*13					.041"[1.04] DIA. STAR	
					XXXX*0020/XXX*051	scale 2:1				dwg no	
AF	V01594	JRW	2000-07-12	dr	S. ROYER	1994-07-20				sheet 1 of 4 size	
AG	V11062	CGD	2001-03-15	engr	L. FYE	1994-07-20				75481 A4	
AH	V05-0375	VS	2005-04-22	chr	L. FYE	1994-07-20				type CUSTOMER Drawing	
AJ	V06-0684	HTB	2006-07-24	appd	L. FYE	1994-07-20					
sheet index	revision sheet	AL	AL	AL	AL	AL	AL				
		1	2	3	4						



PRODUCT NUMBER NOTE 12	PLATING	UNDERPLATING
75481-YYY	30μ" [0.76μ] MIN Au	50μ" [1.27μ] MIN Ni
75481-YYLFF		
75482-YYY	U N A S S I G N E D	
75483-YYY	50μ" [1.27μ] MIN Au	50μ" [1.27μ] MIN Ni
75483-YYLFF		
75484-YYY	120μ" [3.05μ] MIN 93/7 SnPb	50μ" [1.27μ] MIN Ni
75484-YYLFF	100μ" [2.54μ] MIN Sn	50μ" [1.27μ] MIN Ni
75485-YYY	30μ" [0.76μ] MIN GXT™	50μ" [1.27μ] MIN Ni
75485-YYLFF		
75486-YYY	15μ" [0.38μ] MIN GXT™	50μ" [1.27μ] MIN Ni
75486-YYLFF		
75487-YYY	U N A S S I G N E D	
75488-YYY	U N A S S I G N E D	
75489-YYY	15μ" [0.38μ] MIN Au	50μ" [1.27μ] MIN Ni
75489-YYLFF		

NOTE 14- OBSOLETE
NOTE 13

NOTES:

- ① PIN MATERIAL: PHOS BRONZE 3/4 HARD
ASTM-B-159-66
- ② BURNISH MARKS ON PIN PERMITTED, BURR
.003/.08 MAX BULGE .0005 [0.013] TYP.
3. SEE PRODUCT SPECIFICATION BUS-12-064 FOR
P.C. BOARD HOLE DIAMETER AND P.C. BOARD
HOLE PLATING INFORMATION.
4. PIN TO FERRULE RETENTION 1 LB [0.45 KG] MIN
TO 6 LBS [2.72 KG] MAX.
- ⑤ THE .041±.001 [1.04±.03] FEATURE SHALL
BE CONCENTRIC TO THE WIRE DIAGONAL WITHIN
.004 [0.10] TIR.
- ⑥ .002 [0.05] R MAX TYP 4X ON WIRE WRAP
PORTION OF PIN.
- ⑦ CARRIER STRIP FOR CONVEYING PURPOSES ONLY.
- ⑧ DOUBLE ENDED PINS AS MARKED MUST MEET
SPECS IN VIEWS B & C ON BOTH ENDS.
9. USE FIRST TWO DIGITS OF "H" DIMENSIONS
FOR DASH NUMBER OF PUNCH FROM MACHINE
EPL:
EXAMPLE:
P/N 75481-001 PUNCH P/N FROM EPL
BP161A-105396-028
"BD" = .062 [1.58] BP151-133632-028
"H" = .283 [7.19] BP171-133632-028
- ⑩ SPECIAL STAR .044 ±.002 [1.12 ±.05] WIDE X .060 [1.52] LONG
FOR DASH NUMBER [-048] ONLY.
11. CENTER LINE OF TERMINAL MUST BE IN A
TRUE POSITION WITHIN .016 [0.41] DIA WITH
RESPECT TO THE HOLE AXIS AFTER INSERTION
IN PC BOARD.
- ⑫ ADD AN LF SUFFIX TO PART NUMBER FOR PRODUCT THAT
MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-022-008.
- ⑬ THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN
TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.
- ⑭ 75484-YYY IS NOT RoHS COMPLIANT.

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mat'l. code SEE NOTE 1		surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection 	product family PIN PRODUCTS
ltr	ecr no	dr	date	title	
AL				INCH/MM 	BERGPIN® .200"[5.08]cc .041"[1.04] DIA. STAR
				scale 1:1	
		dr	S. ROYER 1994-07-20	dwg no	sheet 2 of 4 size
		enr	L. FYE 1994-07-20	75481	A4
		chr	L. FYE 1994-07-20		
		appd	L. FYE 1994-07-20		
sheet	revision				
index	sheet				



PRODUCT NUMBER	CONTACT AREA		TERM. AREA		OVERALL LENGTH		DIM H FOR .062/1.58 BOARD		DIM H FOR .093/2.36 BOARD		DIM H FOR .125/3.18 BOARD		NOTES
	NOTE 12	DIM A	DIM A	DIM B	DIM B	DIM L	DIM L	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	
7548X-001	0.278	7.06	0.042	1.07	0.390	9.91	0.283	7.19	0.268	6.81	0.253	6.43	-
7548X-002	0.308	7.82	0.042	1.07	0.420	10.67	0.313	7.95	0.298	7.57	0.283	7.19	-
7548X-003	0.285	7.24	0.075	1.91	0.430	10.92	0.290	7.37	0.275	6.99	0.260	6.60	-
7548X-004	0.315	8.00	0.055	1.40	0.440	11.18	0.320	8.13	0.305	7.75	0.290	7.37	-
7548X-005	0.315	8.00	0.075	1.91	0.460	11.68	0.320	8.13	0.305	7.75	0.290	7.37	-
7548X-006	0.368	9.35	0.042	1.07	0.480	12.19	0.373	9.47	0.358	9.09	0.343	8.71	-
7548X-007	0.375	9.53	0.055	1.40	0.500	12.70	0.380	9.65	0.365	9.27	0.350	8.89	-
7548X-008	0.315	8.00	0.125	3.18	0.510	12.95	0.320	8.13	0.305	7.75	0.290	7.37	NOTE 8
7548X-009	0.405	10.29	0.042	1.07	0.517	13.13	0.410	10.41	0.395	10.03	0.380	9.65	-
7548X-010	0.315	8.00	0.155	3.94	0.540	13.72	0.320	8.13	0.305	7.75	0.290	7.37	NOTE 8
7548X-011	0.428	10.87	0.042	1.07	0.540	13.72	0.433	11.00	0.418	10.62	0.403	10.24	-
7548X-012	0.475	12.07	0.055	1.40	0.600	15.24	0.480	12.19	0.465	11.81	0.450	11.43	-
7548X-013	0.405	10.29	0.135	3.43	0.610	15.49	0.410	10.41	0.395	10.03	0.380	9.65	NOTE 8
7548X-014	0.508	12.90	0.042	1.07	0.620	15.75	0.513	13.03	0.498	12.65	0.483	12.27	-
7548X-015	0.698	17.73	0.042	1.07	0.810	20.57	0.703	17.86	0.688	17.48	0.673	17.09	-
7548X-016	0.760	19.30	0.040	1.02	0.870	22.10	0.763	19.38	0.748	19.00	0.733	18.62	-
7548X-017	0.315	8.00	0.255	6.48	0.640	16.26	0.320	8.13	0.305	7.75	0.290	7.37	NOTE 8
7548X-018	0.405	10.29	0.055	1.40	0.530	13.46	0.410	10.41	0.395	10.03	0.380	9.65	-
7548X-019	0.443	11.25	0.315	8.00	0.828	21.03	0.448	11.38	0.433	11.00	0.418	10.62	NOTE 8
7548X-020	0.631	16.03	0.315	8.00	1.016	25.81	0.636	16.15	0.621	15.77	0.606	15.39	NOTE 8
7548X-021	0.315	8.00	0.179	4.55	0.564	14.33	0.320	8.13	0.305	7.75	0.290	7.37	NOTE 8
7548X-022	0.625	15.88	0.245	6.22	0.940	23.88	0.630	16.00	0.615	15.62	0.600	15.24	NOTE 8
7548X-023	0.230	5.84	0.045	1.14	0.345	8.76	0.235	5.97	0.220	5.59	0.205	5.21	-
7548X-024	0.575	14.61	0.045	1.14	0.690	17.53	0.580	14.73	0.565	14.35	0.550	13.97	-
7548X-025			U N A	S S I G	N E D								
7548X-026	0.625	15.88	0.355	9.02	1.050	26.67	0.630	16.00	0.615	15.62	0.600	15.24	NOTE 8
7548X-027			U N A	S S I G	N E D								

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mat'l. code SEE NOTE 1		surface ASME Y14.5 <input checked="" type="checkbox"/> ASME Y14.5		tolerance ASME Y14.5		projection 		product family PIN PRODUCTS	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title BERGPIN® .200"[5.08]cc .041"[1.04] DIA. STAR	
AL				angles	0°±2'	XX*01/XX*3 XXX*005/XXX*13 XXXX*0020/XXX*051	INCH/MM	scale 1:1	dwg no 75481
				dr	S. ROYER	1994-07-20			sheet 3 of 4
				engr	L. FYE	1994-07-20			size A4
				chr	L. FYE	1994-07-20			
				appd	L. FYE	1994-07-20			type CUSTOMER Drawing
sheet index	revision sheet								



PRODUCT NUMBER	CONTACT AREA		TERM. AREA		OVERALL LENGTH		DIM H FOR .062/1.58 BOARD		DIM H FOR .093/2.36 BOARD		DIM H FOR .125/3.18 BOARD		NOTES
	NOTE12	DIM A	DIM A	DIM B	DIM B	DIM L	DIM L	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
7548X-028			U N A	S S I G	N E D								
7548X-029	0.755	19.18	0.337	8.56	1.162	29.51	0.760	19.30	0.745	18.92	0.730	18.54	NOTE 8
7548X-030	0.490	12.45	0.140	3.56	0.700	17.78	0.495	12.57	0.480	12.19	0.465	11.81	NOTE 8
7548X-031	0.590	14.99	0.140	3.56	0.800	20.32	0.595	15.11	0.580	14.73	0.565	14.35	NOTE 8
7548X-032	0.298	7.57	0.052	1.32	0.420	10.67	0.303	7.70	0.288	7.32	0.273	6.93	-
7548X-033	0.398	10.11	0.042	1.07	0.510	12.95	0.403	10.24	0.388	9.86	0.373	9.47	-
7548X-034	0.468	11.89	0.042	1.07	0.580	14.73	0.473	12.01	0.458	11.63	0.443	11.25	-
7548X-035	0.468	11.89	0.502	12.75	1.040	26.42	0.473	12.01	0.458	11.63	0.443	11.25	NOTE 8
7548X-036	0.305	7.75	0.315	8.00	0.690	17.53	0.313	7.95	0.298	7.57	0.283	7.19	NOTE 8
7548X-037	0.448	11.38	0.042	1.07	0.560	14.22	0.453	11.51	0.438	11.13	0.423	10.74	-
7548X-038	0.228	5.79	0.042	1.07	0.340	8.64	0.233	5.92	0.218	5.54	0.203	5.16	-
7548X-039	0.628	15.95	0.042	1.07	0.740	18.80	0.633	16.08	0.618	15.70	0.603	15.32	-
7548X-040	0.288	7.32	0.042	1.07	0.400	10.16	0.293	7.44	0.278	7.06	0.263	6.68	-
7548X-041	0.308	7.82	0.142	3.61	0.520	13.21	0.313	7.95	0.298	7.57	0.283	7.19	NOTE 8
7548X-042	0.285	7.24	0.287	7.29	0.642	16.31	0.290	7.37	0.275	6.99	0.260	6.60	NOTE 8
7548X-043	0.308	7.82	0.212	5.38	0.590	14.99	0.313	7.95	0.298	7.57	0.283	7.19	NOTE 8
7548X-044	0.522	13.26	0.103	2.62	0.695	17.65	0.527	13.39	0.512	13.00	0.497	12.62	-
7548X-045	0.522	13.26	0.538	13.67	1.130	28.70	0.527	13.39	0.512	13.00	0.497	12.62	NOTE 8
7548X-046	0.595	15.11	0.353	8.97	1.018	25.86	0.600	15.24	0.585	14.86	0.570	14.48	NOTE 8
7548X-047	0.325	8.26	0.042	1.07	0.437	11.10	0.330	8.38	0.315	8.00	0.300	7.62	-
7548X-048	0.310	7.87	0.030	0.76	0.400	10.16	0.305	7.75	0.290	7.37	0.275	6.99	NOTE 10
7548X-049	0.310	7.87	0.470	11.94	0.850	21.59	0.315	8.00	0.300	7.62	0.285	7.24	-
7548X-050	0.390	9.91	0.018	0.46	0.478	12.14	0.395	10.03	0.380	9.65	0.365	9.27	-
7548X-051	0.300	7.62	0.018	0.46	0.388	9.56	0.305	25.71	0.290	7.37	0.275	6.99	-
7548X-052	0.309	7.85	0.026	0.66	0.405	10.29	0.314	7.98	0.299	7.59	0.284	7.21	-

mat'l. code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5		ASME Y14.5				PIN PRODUCTS	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
AL				angles	XX+01/XX+3			BERGPIN® .200"[5.08]cc	
					XXX+005/XXX+13			.041"[1.04] DIA. STAR	
				0'±2'	XXXX+0020/XXX+051	scale 1:1		dwg no	
				dr	S. ROYER	1996-05-15		sheet 4 of 4 size	
				engr	L. FYE	1996-05-15		75481 A4	
				chr	L. FYE	1996-05-15		type	
				appd	L. FYE	1996-05-15		CUSTOMER Drawing	
sheet index	revision sheet								