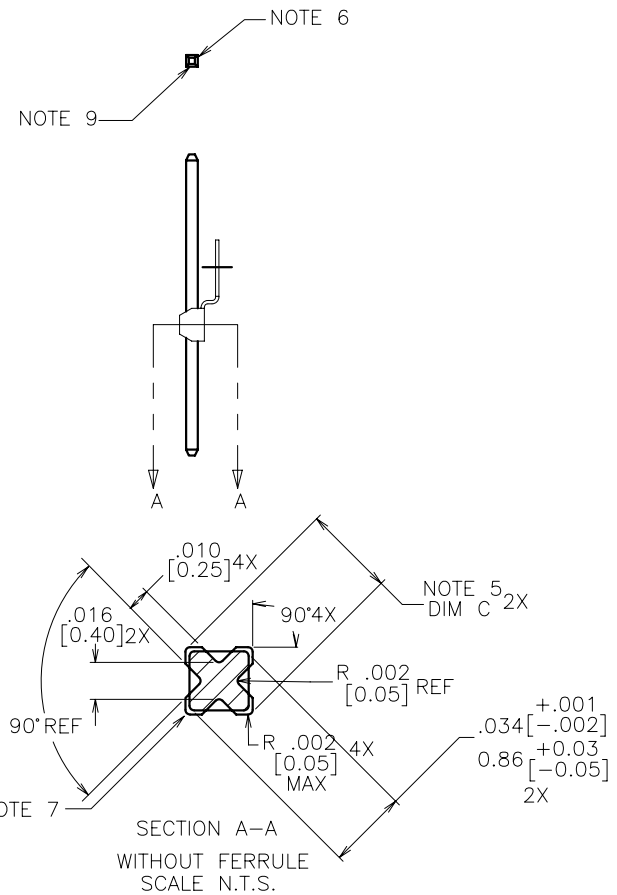
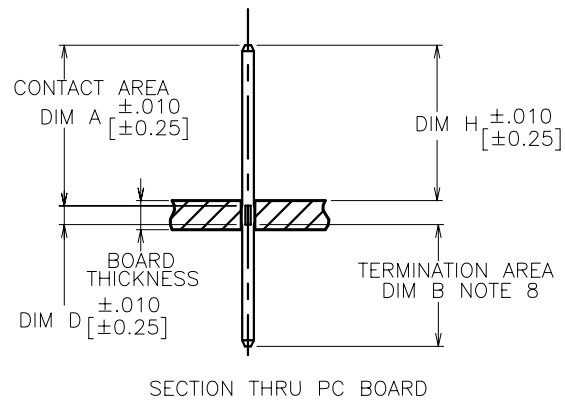
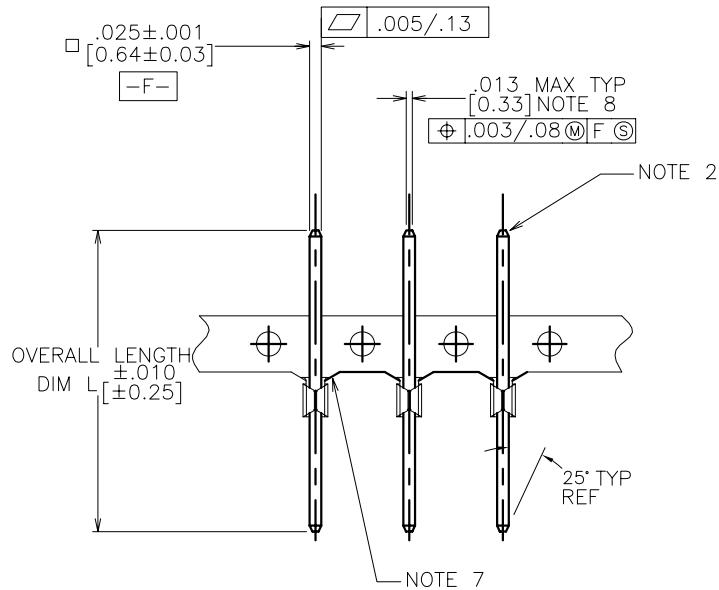


PRODUCT NUMBER
SEE TABLE



mat'l. code SEE NOTE 1				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family PIN PRODUCTS	
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	INCH/MM	title	
K	V08-0353	HTB	2008-08-19	dr	XX*.01/X*.3	3:1	BERGPIN® .200"[5.08]cc SHORT OVERALL LENGTH	
-	-	-	-	enfr	XXX*.005/XXX*.13			
E	V01595	JRW	2000-07-10	0°±2°	XXXX*.0020/XXX*.051			
F	V11068	JRW	2001-03-21	dr	J.W. BAIR			
G	V12274	CGD	2001-10-01	enfr	S. AURAND			
H	V05-0403	HTB	2005-05-02	chr	S. AURAND	1991-05-01	dwg no	
J	V06-0684	HTB	2006-07-25	appd	S. AURAND		sheet 1 of 3	
sheet	revision	K	K	K			79831	
index	sheet	1	2	3			A4	
							type CUSTOMER Drawing	

PRODUCT NUMBER
SEE TABLE

NOTES

- ①. PIN MATERIAL: PHOS. BRONZE 3/4 HARD ASTM B-159-66.
 - ②. BURNISH MARKS ON PIN PERMITTED. BURR .003/0.08 MAX TYP
BULGE .0005 [0.013] MAX TYP.
 3. SEE PRODUCT SPECIFICATION BUS-14-064 FOR P.C. BOARD
HOLE DIAMETER AND P.C. BOARD HOLE PLATING INFORMATION.
 - ④. PIN TO FERRULE RETENTION 1LB [0.45Kg] MIN TO 6LB [2.72Kg] MAX.
 - ⑤. STAR FEATURE SHALL BE CONCENTRIC TO THE WIRE DIAGONAL WITHIN
.004 [0.10] TIR .039 [0.99] TOLERANCE: +.001,-.002 [+0.03,-0.05]
.041 [1.04] TOLERANCE: ±.001 [0.03]
 - ⑥. .002 [0.05] R MAX TYP 4 PLACES ON WIRE WRAP PORTION OF PIN.
 - ⑦. CARRIER STRIP FOR CONVEYING PURPOSES ONLY.
 - ⑧. IF B DIM. IS .030 [0.76] OR LESS, THE MAX. FLAT MAY BE .020 [0.05]
 - ⑨. TWO SIDES OF LEAD IN NOT PLATED, TYP BOTH ENDS.
 - ⑩. USE FIRST TWO DIGITS OF "H" DIMENSION FOR DASH NUMBER OF
PUNCH FROM MACHINE EPL:
EXAMPLE:
79831-001 "BD" .062 [1.57] H=.235
- PUNCH P/N FROM EPL
BP161A-XXXXXX-023
BP151 -YYYYYY-023
BP171 -ZZZZZZ-023
11. CENTER LINE OF TERMINAL MUST BE IN A TRUE POSITION WITHIN .015 [0.38]
DIA. WITH RESPECT TO HOLE AXIS AFTER INSERTION IN PC BOARD.
 12. PIN TIP TO BE TRIM / SWAGE.
 - ⑬. ADD AN LF SUFFIX TO PART NUMBER FOR PRODUCT THAT
MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008.
 - ⑭. THIS PRODUCT HAS 100% TIN PLATING IN THE
INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER
GROWTH IN ALL INTERCONNECT ENVIRONMENTS.

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	
K				angles	XX*01/X*3			INCH/MM		BERGPIN® .200"[5.08]cc	
					XXX*005/XX*13					SHORT OVERALL LENGTH	
				0'±2'	XXXX*0020/XXX*051			scale 3:1		dwg no	
				dr	J.W. BAIR	1991-05-01					sheet 2 of 3
				enrg	S. AURAND	1991-05-01					size
				chr	S. AURAND	1991-05-01					A4
				appd	S. AURAND	1991-05-01					type
sheet index		revision sheet								CUSTOMER Drawing	



PRODUCT NO NOTE 13	OVERALL LENGTH DIM L	CONTACT AREA DIM A	TERM. AREA DIM B	STAR DIA. DIM C	STAR LENGTH DIM D	DIM H FOR .062/ 1.57 BOARD	DIM H FOR 0.93/ 2.36 BOARD	DIM H FOR 1.25/ 3.18 BOARD	CUSTOMER RESTRICTED	PLATING	UNDERPLATING	DISCONTINUED
79831-001	.210/5.33	.150/3.81	.020/0.51	.039/0.99	.040/1.02	.150/3.81	.135/3.43	.120/3.05	NO	15μ" [0.38μ] MIN Au	50μ" [1.27μ] MIN Ni	
79831-001LF												
79831-002	.210/5.33	.150/3.81	.020/0.51	.039/0.99	.040/1.02	.150/3.81	.135/3.43	.120/3.05	NO	120μ" [3.05μ] MIN 93/7 SnPb	50μ" [1.27μ] MIN Ni	
79831-002LF	.210/5.33	.150/3.81	.020/0.51	.039/0.99	.040/1.02	.150/3.81	.135/3.43	.120/3.05	NO	100μ" [2.54μ] MIN Sn (NOTE 14)	50μ" [1.27μ] MIN Ni	
79831-003	.210/5.33	.150/3.81	.020/0.51	.039/0.99	.040/1.02	.150/3.81	.135/3.43	.120/3.05	NO	15μ" [0.38μ] GXT	50μ" [1.27μ] MIN Ni	
79831-003LF												
79831-004	INTERNAL USE ONLY											
79831-005	.275/6.99	.187/4.75	.018/0.46	.041/1.04	.070/1.78	.176/4.47	.160/4.06	.125/3.18	YES	30μ" [0.76μ] MIN Au	50μ" [1.27μ] MIN Ni	
79831-005LF												
79831-006	.292/7.42	.196/4.98	.026/0.66	.041/1.04	.070/1.78	.185/4.70	.169/4.29	.134/3.40	YES	30μ" [0.76μ] MIN Au	50μ" [1.27μ] MIN Ni	
79831-006LF												

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							
K				angles	$\frac{R}{R}$	XX*.01/X*.3		INCH/MM		BERGPIN® .200"[5.08]cc SHORT OVERALL LENGTH	
						XXX*.005/XX*.13					
				0°±2°		XXXX*.0020/XXX*.051		scale	2:1		
				dr	J.W. BAIR	1991-05-01			dwg no		
				engr	S. AURAND	1991-05-01					79831 A4
				chr	S. AURAND	1991-05-01					
				appd	S. AURAND	1991-05-01					
sheet index	revision sheet										

Mouser Electronics

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