

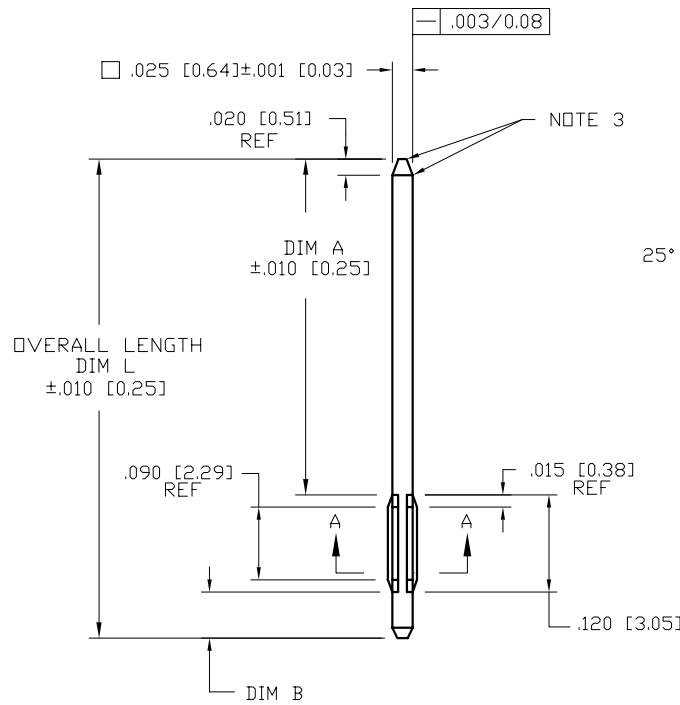
1 | 2

3

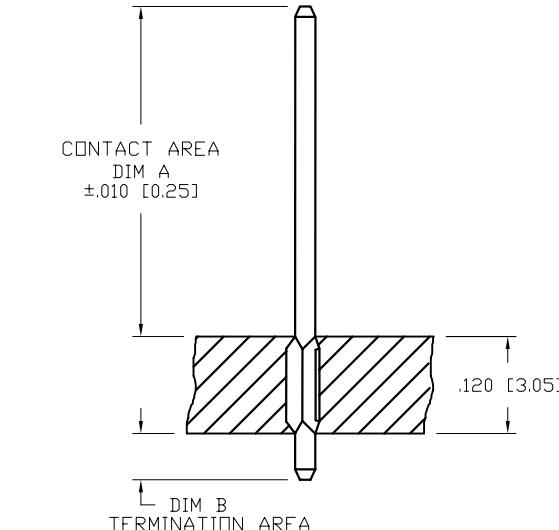
4

PRODUCT NUMBER
SEE TABLE

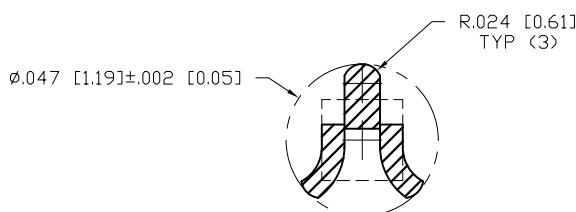
TWO SIDES OF
LEAD IN
NOT PLATED
TYP



25] $^{+.003}_{-.005}$ [0.08]
NOTE 4



SECTION THRU P.C. BOARD



SECTION A-A
SCALE 4:1
WITHOUT FERRULE

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			
E	V60837	EPK	1996-06-03	angles	XX+01/X+3	INCH/MM	title
F	V71498	HTB	1997-10-26		XXX+005/XXX+13		TRI-PIN™
G	V01594	JRW	2000-07-12	0°±2°	XXXX+0020/XXX+051	scale 5:1	LOOSE PIECE
H	V05-0400	HTB	2005-04-29	dr	E. KROPIEWNICKI	1996-06-03	dwg no
J	V06-0684	HTB	2006-07-24	engr	L. FYE	1996-06-03	sheet 1 of 3
K	V07-0009	HTB	2007-01-05	chr	L. FYE	1996-06-03	size
L	V08-0376	HTB	2008-08-27	appd	L. FYE	1996-06-03	76191
sheet	revision	L	L	L			A4
index	sheet	1	2	3			

PRODUCT NUMBER NOTE 6	PLATING	UNDERPLATING	
76191-YYY			
76191-YYYLF	30 μ [0.76 μ] MIN Au	50 μ [1.27 μ] MIN Ni	
76193-YYY			
76193-YYYLF	50 μ [1.27 μ] MIN Au	50 μ [1.27 μ] MIN Ni	
76194-YYY	120 μ [3.05 μ] MIN 93/7 SnPb	50 μ [1.27 μ] MIN Ni	DISCONTINUED
76194-YYYLF	100 μ [2.54 μ] MIN Sn (NOTE 7)	50 μ [1.27 μ] MIN Ni	
76195-YYY			
76195-YYYLF	30 μ [0.76 μ] MIN GXT™	50 μ [1.27 μ] MIN Ni	
76196-YYY			
76196-YYYLF	15 μ [0.38 μ] MIN GXT™	50 μ [1.27 μ] MIN Ni	
76199-YYY			
76199-YYYLF	15 μ [0.38 μ] MIN Au	50 μ [1.27 μ] MIN Ni	

NOTES :

- ① PIN MATERIAL : PHOS BRONZE 3/4 HARD
ASTM B-159-66
2. .002 [0.05] MAX R. ON WIRE WRAP CORNERS OF PIN.
- ③ BURNISH MARKS PERMITTED.
.003 [0.08] MAX
BULGE .0005 [0.013] MAX TYP
- ④ .016 [0.41] MAX FOR OPPOSITE END IF "B" IS LESS
THAN .230 [5.84].
5. SEE PRODUCT SPECIFICATION BUS-12-069 FOR P.C. BOARD
HOLE DIAMETER AND P.C. BOARD PLATING INFORMATION.
- ⑥ ADD AN LF SUFFIX TO PART NUMBERS FOR PRODUCT
THAT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ⑦ 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	ecn no	dr	date	tolerances unless otherwise specified			
L				angles	XX+01X*3 XXX*005/XXX*13	INCH/MM	
					0°±2° XXX*0020/XXX*051	scale 1:1	
				dr	E. KROPIEWNICKI 1996-06-04		
				engr	L. FYE 1996-06-04		
				chr	T. BREWBAKER 1996-06-04		
				appd	L. FYE 1996-06-04		
sheet		revision					
index		sheet					

FCI

PRODUCT NUMBER	CONTACT AREA		TERM. AREA		OVERALL LENGTH	
NOTE 6	DIM A	DIM A	DIM B	DIM B	DIM L	DIM L
7619X-001	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC
7619X-002	0.600	15.24	0.050	1.27	0.770	19.56
7619X-003	0.490	12.45	0.050	1.27	0.660	16.76
7619X-004	0.600	15.24	0.330	8.38	1.050	26.67
7619X-005	0.260	6.60	0.050	1.27	0.430	10.92
7619X-006	0.280	7.11	0.330	8.38	0.730	18.54
7619X-007	0.730	18.54	0.050	1.27	0.900	22.86
7619X-008	0.370	9.40	0.050	1.27	0.540	13.72
7619X-009	0.690	17.53	0.040	1.02	0.850	21.59
7619X-010	0.205	5.21	0.050	1.27	0.375	9.53
7619X-011	0.390	9.91	0.050	1.27	0.560	14.22
7619X-012	0.545	13.84	0.050	1.27	0.715	18.16
7619X-013	0.610	15.49	0.050	1.27	0.780	19.81
7619X-014	0.320	8.13	0.215	5.46	0.660	16.76
7619X-015	0.315	8.00	0.050	1.27	0.485	12.32
7619X-016	0.345	8.76	0.310	7.87	0.775	19.69
7619X-017	0.425	10.80	0.310	7.87	0.855	21.72
7619X-018	0.220	5.59	0.080	2.03	0.420	10.67
7619X-019	0.415	10.54	0.040	1.02	0.575	14.61
7619X-020	0.425	10.80	0.055	1.40	0.395	10.03
7619X-021	0.360	9.14	0.425	10.80	0.905	22.99
7619X-022	0.360	9.14	0.425	10.80	0.905	22.99

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			title TRI-PIN™ LOOSE PIECE
L				angles	XX+01/X+3 XXX+005/XXX+13	INCH/MM	
				0°±2°	XXX+0020/XXX+051	scale 1:1	dwg no 76191 A4
				dr	E. KROPIEWNICKI 1996-06-04		
				engr	L. FYE 1996-06-04		type CUSTOMER Drawing
				chr	T. BREWBAKER 1996-06-04		
				appd	L. FYE 1996-06-04		
sheet	revision						
index	sheet						

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[76191-004](#) [76199-014](#) [76194-009LF](#)