

1 | 2

3

4

PRODUCT NO.
SEE TABLE

"L" ±3.18/±.125 NOTE 7

HOUSING

POS 4 POS 5

POS 3

1.4990/.0590

POS 2

POS 1

POS 6

1.4990/.0590 INS. CRIMP HT

0.930/.0365 WIRE CRIMP HT

O-RING TERMINAL NOTE 5

1.4990/.0590 INS. CRIMP HT

1.10±0.025/.044±0.01 SPLICE CRIMP HT

0.64/.025 MAX CUT-OFF

4.83/.190 MIN(FORM)

SECTION B-B

POS 3

POS 1

POS 5

POS 4

POS 2

POS 6

A

B

3.300/.130 RESTRAINED

DIM "A" ±1.02/.040

SECTION A-A

NOTES:

- FOR VISUAL, MECHANICAL AND FUNCTIONAL REQUIREMENTS, SEE PRODUCT SPECIFICATION.
- HSG MAT'L AND COLOR: SEE CHART.
- SPRING CONTACT: PHOSPHOR BRONZE ALLOY PER UNS C51000, 0.46MM/.018INCH DIA. PLATING SEE CHART.
- SPLICE: BRASS ALLOY PER UNS C26000, PLATING SEE CHART.
- RING TERMINAL: BRASS ALLOY PER UNS C26000, TIN-PLATED, THICKNESS 30u" MIN, O.D.=5.0MM, I.D.=3.2MM.
- INS. WIRE: PER UL1061 AWG27, OTHERWISE SPECIFIED. WIRE STYLE SEE CHART.
- TOL. OF WIRE LENGTH DIM L:
± 3.15/.125: WHEN L ≤ 234.95/9.25
+ 6.35/.25: WHEN L > 234.95/9.25
- P/N WITH SUFFIX "LF" IS LEAD FREE P/N. SNPB PLATING IS CHANGED TO PURE TIN FOR LEAD FREE P/N'S.
- PACKING STANDARD GS-14-920 WILL BE APPLIED FOR LEAD FREE P/N'S.
- FOR LEAD FREE P/S THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.
- EQUIVALENT THICKNESS Au AND GXT PLATING HAVE SAME FUNCTION AND THEY ARE ALTERNATIVE BY THE CUSTOMER.

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ltr	ecn no	dr	date	linear	.0 ± 0.25		COPY	title		625F MODJACK ASSY WITH O-RING TERMINAL	
B	T20074	Y L	04/08/94		.00 ± 0.13		projection				
C	T40188	T C	07/12/94		.000 ± 0.05		MM				
D	T60037	T C	01/26/96	angles	± 2°		scale	product family		code	
E	N0002	T C	03/15/00	dr	M CHENG	7/13/01	A4	MODJACK		NAN	
F	N10143	M C	07/19/01	engr	M CHENG	7/13/01		size	dwg no		sheet
G	N05-0261	Z C	09/18/05	chr	M CHENG	7/18/01	77199		1 of		
H	N08-0097	SH	09/25/08	appd	J HSIA	7/20/01					
sheet index	revision	H	H	H	H	H					
	sheet	1	2	3	4						

path no. 1 | 2

PDM: Rev:H 3 STATUS Released Printed: Oct 09, 2008

PRODUCT NO.
SEE CHART

PRODUCT NO.	WIRE NO.	WIRE COLOR	WIRE LENGTH DIM L	SPRING WIRE HT. DIM A	INS. WIRE STYLE	HOUSING MAT'L/COLOR	SPLICE PLATING	SPRING CONTACT PLATING	FINISH ON WIRE END
77199-001/001LF	1	BLACK	57.15/2.25	11.92/.47	A	ABS UL94V-0 COLOR LIGHT GRAY	TIN-LEAD FOR 77199-001 PLATED PURE TIN FOR 77199-001LF PLATED	30u" AU GOLD PLATED	O-RING TERMINAL
	2	RED	↕	↕					
	3	GREEN	↕	↕					
	4	YELLOW	↕	↕					
	5	BLUE	↕	↕					
	6	WHITE	57.15/2.25	11.92/.47					
77199-002/002LF	1	RED	70.00/2.756	10.92/.43	↕	POLYCARBONATE UL 94V-1 LIGHT GRAY	↕	↕	O-RING TERMINAL
	2	WHITE	↕	↕					
	3	BROWN	↕	↕					
	4	GREEN	70.00/2.756	10.92/.43					
77199-003/003LF	1	RED	70.00/2.756	10.92/.43	A	POLYCARBONATE UL 94V-1 LIGHT GRAY	TIN-LEAD FOR 77199-003 PLATED PURE TIN FOR 77199-003LF PLATED	30u" AU GOLD PLATED	O-RING TERMINAL
	2	WHITE	↕	↕					
	3	BROWN	↕	↕					
	4	GREEN	↕	↕					
	5	BLUE	↕	↕					
	6	YELLOW	70.00/2.756	10.92/.43					
77199-004/004LF	1	BLACK	50.00/1.97	10.92/.43	A	POLYCARBONATE UL 94V-1 LIGHT GRAY	UNPLATED	30u" AU GOLD PLATED	O-RING TERMINAL
	2	WHITE	55.50/2.19	↕					
	3	BLUE	55.50/2.19	↕					
	4	GREEN	50.00/1.97	↕					
	5	RED	50.00/1.97	↕					
	6	ORANGE	50.00/1.97	10.92/.43					

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ltr	ecn no	dr	date	linear	.0 ± 0.25				projection	title 625F MODJACK ASSY WITH O-RING TERMINAL		
H					.00 ± 0.13						product family MODJACK code NAN	
					angles	.000 ± 0.05					size	dwg no 77199
				dr		M CHENG	7/13/01		scale	A4		
				enr	M CHENG	7/13/01						
				chr	M CHENG	7/18/01						
				appd	J HSIA	7/20/01						
sheet index	revision sheet	H 1	H 2	H 3	H 4							

PRODUCT NO.
SEE CHART

PRODUCT NO.	WIRE NO.	WIRE COLOR	WIRE LENGTH DIM L	SPRING WIRE HT. DIM A	INS. WIRE STYLE	HOUSING MAT'L/COLOR	SPLICE PLATING	SPRING CONTACT PLATING	FINISH ON WIRE END
77199-005/005LF	1	RED	57.15/2.25	10.92/.43	A	POLYCARBONATE UL 94V-1 LIGHT GRAY	TIN-LEAD FOR 77199-005 PLATED PURE TIN FOR 77199-005LF PLATED	50u" AU	O-RING TERMINAL
	2	WHITE							
	3	BROWN							
	4	GREEN							
77199-006/006LF	1	RED	70.00/2.756	10.92/.43	A	POLYCARBONATE UL 94V-1 LIGHT GRAY		50u" AU	O-RING TERMINAL
	2	WHITE							
	3	BROWN							
	4	GREEN							
	5	BLUE							
	6	YELLOW							
77199-007/007LF	1	RED	70.00/2.756	10.92/.43	A	POLYCARBONATE UL 94V-1 LIGHT GRAY		30u" GXT	O-RING TERMINAL
	2	WHITE							
	3	BROWN							
	4	GREEN							
77199-008/008LF	1	RED	70.00/2.756	10.92/.43	A	POLYCARBONATE UL 94V-1 LIGHT GRAY	TIN-LEAD FOR 77199-008 PLATED	30u" GXT	O-RING TERMINAL
	2	WHITE							
	3	BROWN	PURE TIN FOR 77199-008LF PLATED						
	4	GREEN							
	5	BLUE							
	6	YELLOW							

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ltr	ecn no	dr	date	linear	.0 ± 0.25				projection	title 625F MODJACK ASSY WITH O-RING TERMINAL		
H					.00 ± 0.13						product family MODJACK code NAN	
					.000 ± 0.05						size dwg no	
				angles	± 2°					sheet 3 of		
				dr	M CHENG	7/13/01	← MM →			product family MODJACK code NAN		
				enr	M CHENG	7/13/01	scale			size dwg no		
				chr	M CHENG	7/18/01	A4			77199		
				appd	J HSIA	7/20/01						
sheet index	revision sheet	H 1	H 2	H 3	H 4							

PRODUCT NO.

SEE CHART

PRODUCT NO.	WIRE NO.	WIRE COLOR	WIRE LENGTH DIM L	SPRING WIRE HT. DIM A	INS. WIRE STYLE	HOUSING	SPLICE FINISH	SPRING CONTACT PLATING	FINISH ON WIRE END
77199-009/009LF	1	RED	50.00/1.968	11.42/0.449	A	POLYCARBONATE UL 94V-1 LIGHT GRAY	TIN-LEAD FOR 77199-009 PLATED PURE TIN FOR 77199-009LF PLATED	30u" AU	O-RING TERMINAL
	2	WHITE	↑	↑					
	3	BROWN	↑	↑					
	4	GREEN	↑	↑					
	5	BLUE	↓	↓					
	6	YELLOW	50.00/1.968	11.42/0.449					
77199-010/010LF	1	RED	50.00/1.968	11.42/0.449	A	POLYCARBONATE UL 94V-1 LIGHT GRAY	TIN-LEAD FOR 77199-010 PLATED PURE TIN FOR 77199-010LF PLATED	30u" AU	O-RING TERMINAL
	2	WHITE	↑	↑					
	3	BROWN	↑	↑					
	4	GREEN	50.00/1.968	11.42/0.449					

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H					.00 ± 0.13					625F MODJACK ASSY	
					.000± 0.05					WITH O-RING TERMINAL	
				angles	± 2°				 ← MM →	product family	
				dr	M CHENG	7/13/01	MODJACK			code	
				enr	M CHENG	7/13/01	size			NAN	
				chr	M CHENG	7/18/01	scale			sheet	
				appd	J HSIA	7/20/01	A4			4 of	
sheet index	revision sheet	H 1	H 2	H 3	H 4						