

1 | 2

3

4

PRODUCT NO.  
SEE TABLE

NOTES:

- FOR VISUAL, MECHANICAL AND FUNCTIONAL REQUIREMENTS, SEE PRODUCT SPECIFICATION.
- HSG MAT'L AND COLOR: SEE CHART.
- SPRING CONTACT:  
PHOSPHER 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.

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire.  
Propriete de © FCI ELECTRONICS. Droits de reproduction FCI ELECTRONICS INC.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.  
Property of © FCI ELECTRONICS. Copyright FCI ELECTRONICS INC.

mat'l. code				tolerances unless otherwise specified			CUSTOMER	FCI		www.fciconnect.com
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 MODJACK	code NAN	
E	N0002	T C	03/15/00	dr	M CHENG	7/13/01	A4	77199	sheet 1 of	
F	N10143	M C	07/19/01	engr	M CHENG	7/13/01				
G	N05-0261	Z C	09/18/05	chr	M CHENG	7/18/01				
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: Aug 01, 2010

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					

⑫

⑫

⑫

⑫

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite  
sous quelque forme que ce soit sans autorisation écrite du propriétaire.  
Propriete de © FCI ELECTRONICS. Droits de reproduction FCI ELECTRONICS INC.



All rights strictly reserved. Reproduction or issue to third parties in any form  
whatever is not permitted without written authority from the proprietor.  
Property of © FCI ELECTRONICS Copyright FCI ELECTRONICS INC.

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		www.fciconnect.com	
ltr	ecn no	dr	date	linear	.0 ± 0.25				projection	title	
H					.00 ± 0.13					625F MODJACK ASSY	
					.000 ± 0.05					WITH O-RING TERMINAL	
				angles	± 2°					product family	
				dr	M CHENG	7/13/01	← MM →			MODJACK	
				enrg	M CHENG	7/13/01	scale			code	
				chr	M CHENG	7/18/01	A4			NAN	
				appd	J HSIA	7/20/01	77199			sheet	
sheet index	revision sheet	H 1	H 2	H 3	H 4					2 of	

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							

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite  
sous quelque forme que ce soit sans autorisation ecrite du propriétaire.  
Propriete de © FCI ELECTRONICS. Droits de reproduction FCI ELECTRONICS INC.



All rights strictly reserved. Reproduction or issue to third parties in any form  
whatever is not permitted without written authority from the proprietor.  
Property of © FCI ELECTRONICS Copyright FCI ELECTRONICS INC.

mat'l. code				tolerances unless otherwise specified				CUSTOMER		FCI		www.fciconnect.com				
ltr	ecn no	dr	date	linear	.0 ± 0.25				COPY		title 625F MODJACK ASSY					
H					.00 ± 0.13				projection		WITH O-RING TERMINAL					
					.000 ± 0.05						product family MODJACK code NAN					
				angles	± 2°						size		dwg no		sheet	
				dr	M CHENG	7/13/01		scale		A4		77199		3 of		
				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	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					

⑫

⑫

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite  
sous quelque forme que ce soit sans autorisation écrite du propriétaire.  
Propriete de ©FCI ELECTRONICS. Droits de reproduction FCI ELECTRONICS INC.

All rights strictly reserved. Reproduction or issue to third parties in any form  
whatever is not permitted without written authority from the proprietor.  
Property of ©FCI ELECTRONICS Copyright FCI ELECTRONICS INC.



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