



mat'l code				tolerance unless otherwise specified				CUSTOMER COPY				FCI			
rev	ecr	no	dr	date	linear	angular	roundness	projection	unit	size	deg no.	code	product family	size	sheet
AM	150118	TC	04/28/93		.00 ± 0.13	± 2'			mm/inch	3/1	A3	65906	1 OF 7		
AJ	180283	TC	07/09/98		.000 ± 0.05				mm/inch	3/1	A3	65906	1 OF 7		
AL	180301	SS	11/09/98						mm/inch	3/1	A3	65906	1 OF 7		
AL	180128	M	07/07/00						mm/inch	3/1	A3	65906	1 OF 7		
AM	180101	M	07/07/00						mm/inch	3/1	A3	65906	1 OF 7		
AM	180102	M	07/07/00						mm/inch	3/1	A3	65906	1 OF 7		
AP	180160	M	07/07/00						mm/inch	3/1	A3	65906	1 OF 7		
sheet	revision	AP	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL	AL
index	sheet	2	3	4	5	6	7	8	9	10	11	12	13	14	15

1				2		3		4		5		6	
PRODUCT NO	POS NO	WIRE COLOR	DIM L	WIRE STYLE	TERMINAL HOUSING MAT'L	CONTACT PLATING							
65906-001	1	RED	3.22/81.8	A	R	ABS UL94V-0 GRAY	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	9.22/234.2										
	3	GREEN	9.22/234.2										
	4	BLACK	3.22/81.8										
65906-002				DISCONTINUED									
65906-003				DISCONTINUED									
65906-004				DISCONTINUED									
65906-005				DISCONTINUED									
65906-006				DISCONTINUED									
65906-007				DISCONTINUED									
65906-008				DISCONTINUED									
65906-009	1	RED	11.00/279.4	A	R	ABS UL94V-0 GRAY	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	11.00/279.4										
	3	GREEN	11.00/279.4										
	4	BLACK	11.00/279.4										
65906-010				DISCONTINUED									
65906-011	1	RED	3.25/82.6	A	R	UL94V-0 RED GRAY 85° RATED	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	9.25/235.0										
	3	GREEN	9.25/235.0										
	4	BLACK	3.25/235.0										
65906-012	1	RED	3.25/82.6	A	S	UL94V-0 RED GRAY 85° RATED	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	9.25/235.0										
	3	GREEN	9.25/235.0										
	4	BLACK	3.25/82.6										
65906-013	1	RED	3.25/82.6	A	R	ABS UL94V-0 GRAY	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	9.25/235.0										
	3	GREEN	9.25/235.0										
	4	BLACK	3.25/82.6										
65906-014	1	RED	3.25/82.6	B	R	ABS UL94V-0 GRAY	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	9.25/235.0										
	3	WHITE	9.25/235.0										
	4	BLACK	3.25/82.6										
65906-015	1	RED	3.25/82.6	A	S	ABS UL94V-0 GRAY	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	9.25/235.0										
	3	WHITE	9.25/235.0										
	4	BLACK	3.25/82.6										
65906-016	1	RED	3.25/82.6	A	S	ABS UL94V-0 GRAY	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	9.25/235.0										
	3	GREEN	9.25/235.0										
	4	BLACK	3.25/82.6										
65906-017	1	RED	3.25/82.6	B	S	ABS UL94V-0 GRAY	.76u/30u" AU OVER 2.54u/100u" NI						
	2	WHITE	9.25/235.0										
	3	WHITE	9.25/235.0										
	4	BLACK	3.25/82.6										

NOTES:

- FOR VISUAL, MECHANICAL AND FUNCTIONAL REQUIREMENTS SEE PRODUCT SPEC 12-003
- HOUSING MATERIAL: SEE TABLE
- TERMINAL PLATING:  
STYLE "S": PREPLATED WITH 100u"/2.54u TO 300u"/7.62u TIN LEAD  
STYLE "R": UNPLATED PLAIN BRASS.
- TERMINAL MATERIAL: 3/4 HARD BRASS ALLOY UNS-C26000
- PLATED WIRE MATERIAL: 135 TO 150M PSI PHOS BRONZE ALLOY UNS-C51000  
PLATING: SEE TABLE
- INSULATED WIRE:  
STYLE A: 27AWG, 7 STRANDS OF TINNED COPPER WIRE, PVC INSULATION.  
STYLE B: 27AWG, 7 STRANDS OF TINNED COPPER WIRE, TOP COATED, PVC INSULATION.  
STYLE C: 26AWG, 7 STRANDS OF TINNED COPPER WIRE, TOP COATED, PVC INSULATION.  
STYLE D: 26AWG, 7 STRANDS OF TINNED COPPER WIRE, PVC INSULATION.
- ALL DIMENSIONS MARKED WITH ASTERISKS ARE REFERENCE FOR MOUNTING
- GOLD WIRE MUST BE BENT WITHIN THIS AREA (MAX. TO MIN. POINT) AND SHOULD BE LOCATED INTO PLASTIC COMB.  
IT IS ACCEPTED IF THE DISTANCE BETWEEN WIRE TIP & COMB BELOW 0.46mm/.018IN.  
TEST METHOD PER UL 1863 SECTION 22.2

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCJ	
1	line	0.000.03/000.005	projection	0.000.03/000.005	title	MOD JACK 616W	
2	angles	dr	102193	size	dwg no	code	
3	engr	TC	102193	scale	A 3	65906	
4	chr	JTSAO	102193	sheet	2 of	2	
5	appc	JTSAO	102193	sheet	2 of	2	
6	sheet revision						
7	index	sheet 1					



PRODUCT NO	POS NO	WIRE COLOR	DIM L	WIRE STYLE	TERMINAL STYLE	HOUSING MAT L	CONTACT PLATING	STRIP DIM'S	
65906-029	1	RED	108.0/4.25	MFG OPTION	U	ABS UL94V-0 GRAY	.76u/30u" GXT	---	
	2	NOT LOADED							
	3	GREEN 108.0/4.25							
	4	BLACK 108.0/4.25							
65906-030	1	RED	50.0/1.97	B	V	ABS UL94V-0 GRAY	1.27u/50u" AU	3.0/.12	
	2	WHITE 170.0/6.69	5.0/.20						
	3	GREEN 170.0/6.69	5.0/.20						
	4	BLACK 50.0/1.97	3.0/.12						
65906-031	1	BLACK	235.0/9.25	A	R	ABS UL94V-0 GRAY	.76u/30u" AU	---	
	2	GREEN 235.0/9.25							
	3	WHITE 235.0/9.25							
	4	RED 235.0/9.25							
65906-032	1	RED	106.79/4.20	B	---	ABS UL94V-0 GRAY	.76u/30u" AU	5.0/.20	
	2	WHITE 259.19/10.20							
	3	GREEN 259.19/10.20							
	4	BLACK 106.79/4.20							
65906-033	1	RED	77.0/3.03	A	R	ABS UL94V-0 GRAY	.76u/30u" AU	---	
	2	WHITE 212.0/8.35							
	3	GREEN 212.0/8.35							
	4	BLACK 77.0/3.03							
65906-034			DISCONTINUED						

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI	
1	linear	0.0040 .13/ .0040 .05	projection	1	1	1	1
2	angles	0.0040 .13/ .0040 .05	dr	1	1	1	1
3	dr	0.0040 .13/ .0040 .05	engr TC	1	1	1	1
4	engr TC	0.0040 .13/ .0040 .05	chf	1	1	1	1
5	chf	0.0040 .13/ .0040 .05	scale	1	1	1	1
6	scale	0.0040 .13/ .0040 .05	product family	1	1	1	1
7	product family	0.0040 .13/ .0040 .05	size	1	1	1	1
8	size	0.0040 .13/ .0040 .05	dwg no	1	1	1	1
9	dwg no	0.0040 .13/ .0040 .05	code	1	1	1	1
10	code	0.0040 .13/ .0040 .05	sheet	1	1	1	1
11	sheet	0.0040 .13/ .0040 .05	4 of	1	1	1	1
12	4 of	0.0040 .13/ .0040 .05		1	1	1	1

product no

SEE CHART

PRODUCT NO.	POS NO	WIRE COLOR	DIM L	WIRE STYLE	TML STYLE	SPLICE FINISH	HOUSING	CONTACT PLATING	INSUL. WIRE STRIP LENGTH DIM "S"
65906-035	1	RED	82.6/3.25	A	S	PLATED	ABS UL94V-0 BLACK	15U" / .38U AU	—
	2	WHITE	235.0/9.25						
	3	GREEN	235.0/9.25						
	4	BLACK	82.6/3.25						
65906-036	1	RED	81.8/3.22	D	R	UNPLATED	ABS UL94V-0 GRAY	30U" / .76U AU	—
	2	WHITE	234.2/9.22						
	3	GREEN	234.2/9.22						
	4	BLACK	81.8/3.22						
65906-037	1	RED	82.6/3.25	C	S	PLATED	ABS UL94V-0 GRAY	30U" / .76U GXT	—
	2	WHITE	235.0/9.25						
	3	WHITE	235.0/9.25						
	4	BLACK	82.6/3.25						
65906-038	1	RED	82.6/3.25	D	S	PLATED	ABS UL94V-0 GRAY	30U" / .76U GXT	—
	2	WHITE	↑						
	3	GREEN	↓						
	4	BLACK	82.6/3.25						
65906-039	1	RED	108.0/4.25	C	U	PLATED	ABS UL94V-0 GRAY	30U" / .76U GXT	—
	2	NOT LOADED	↑						
	3	GREEN	108.0/4.25						
	4	BLACK	108.0/4.25						
65906-040	1	BLACK	235.0/9.25	D	S	PLATED	ABS UL94V-0 GRAY	30U" / .76U AU	—
	2	GREEN	↑						
	3	WHITE	↓						
	4	RED	235.0/9.25						

FCI		CUSTOMER COPY		title	
MOD JACK 616W		product family MOD JACK		code TWN	
size A <sub>1</sub>		sheet 5 of 6		65906	
scale N/A		mm inch		mm inch	
dr T. CHIEN		engr T. CHIEN		ch J. TSAO	
appd J. TSAO		0.00-0.13/0.00-0.05		0.00-0.05/0.00-0.05	
linear		0.0-0.25/0.0-0.01		0.00-0.13/0.00-0.05	
angles		±0°30'		±0°30'	
revision sheet 1		revision sheet 1		revision sheet 1	

PDM: Rev:AP STATUS:Released Printed: Mar 09, 2002

PRODUCT NO.	POS NO	WIRE COLOR	DIM L	WIRE STYLE	TML OR END FINISH	SPLICE FINISH	HOUSING	CONTACT PLATING	INSUL. WIRE STRIP LENGTH DIM "S"
906-041	1	RED	88.9/3.50	D	STRIP AND SOLDER DIP	UNPLATED	ABS UL94V-0 GRAY	30u" / .76u AU	3.175/.125
	2	WHITE							
	3	GREEN							
	4	BLACK							
906-042	1		NOT	AVAILABLE	YET				
	2								
	3								
	4								
906-043	1	RED	82.6/3.25	A	R	UNPLATED	ABS UL94V-0 GRAY	50u" / 1.25u AU	—
	2	WHITE							
	3	GREEN							
	4	BLACK							
906-044			NOT	AVAILABLE	YET				
906-045			NOT	AVAILABLE	YET				
906-046	1	RED	50.0/1.97	SPECIFIED BY INDIA	BY INDIA	PLATED	ABS UL94V-0 GRAY	30u" 6x7	—
	2	WHITE							
	3	GREEN							
	4	BLACK							
906-047	1	RED	76.2/3.00	A	STRIP	UNPLATED	ABS UL94V-0 GRAY	30u" / .76u AU	2.5/.10 5.1/.20 3.8/.15 3.8/.15
	2	WHITE							
	3	GREEN							
	4	BLACK							

[illegible]

PRODUCT NO.	POS NO.	WIRE COLOR	DIM L	WIRE STYLE	TERMINAL OR END FINISH	SPLICE FINISH	HOUSING	CONTACT PLATING	INSUL WIRE STRIP LENGTH DIM S
65906-048	1	RED	63.50/2.50"	A	STRIP AND SOLDER DIP	UNPLATED	ABS UL94V-0 GRAY	30u"/0.76u" Au	2.54/0.10"
	2	WHITE	177.80/7.00"						5.08/0.20"
	3	GREEN	114.30/4.50"						3.81/0.15"
	4	BLACK	68.58/2.70"						3.81/0.15"
65906-049	1	RED	30.00/1.181"	A	STRIP AND SOLDER DIP	UNPLATED	ABS UL94V-0 GRAY	30u"/0.76u" Au	3.00/.12"
	2	WHITE	180.00/7.087"						7.00/.28"
	3	GREEN	180.00/7.087"						7.00/.28"
	4	BLACK	30.00/1.181"						3.00/.12"

mat'l code		tolerance unless otherwise specified		CUSTOMER COPY		FCI	
rev.	sch	no	dr	date	projection	title	
AP					0 ± 0.25	MOD JACK 616W	
					00 ± 0.13		
					000 ± 0.05		
					angles ± 2°		
					dr MACOE MO 10/13/98	product family	
					engr M CHENG 10/09/00	size	65906
					chr M CHENG 10/09/00	sheet	7 of
					appd J COH 10/09/00	scale	
						3/1	
sheet	revision						
index	sheet						