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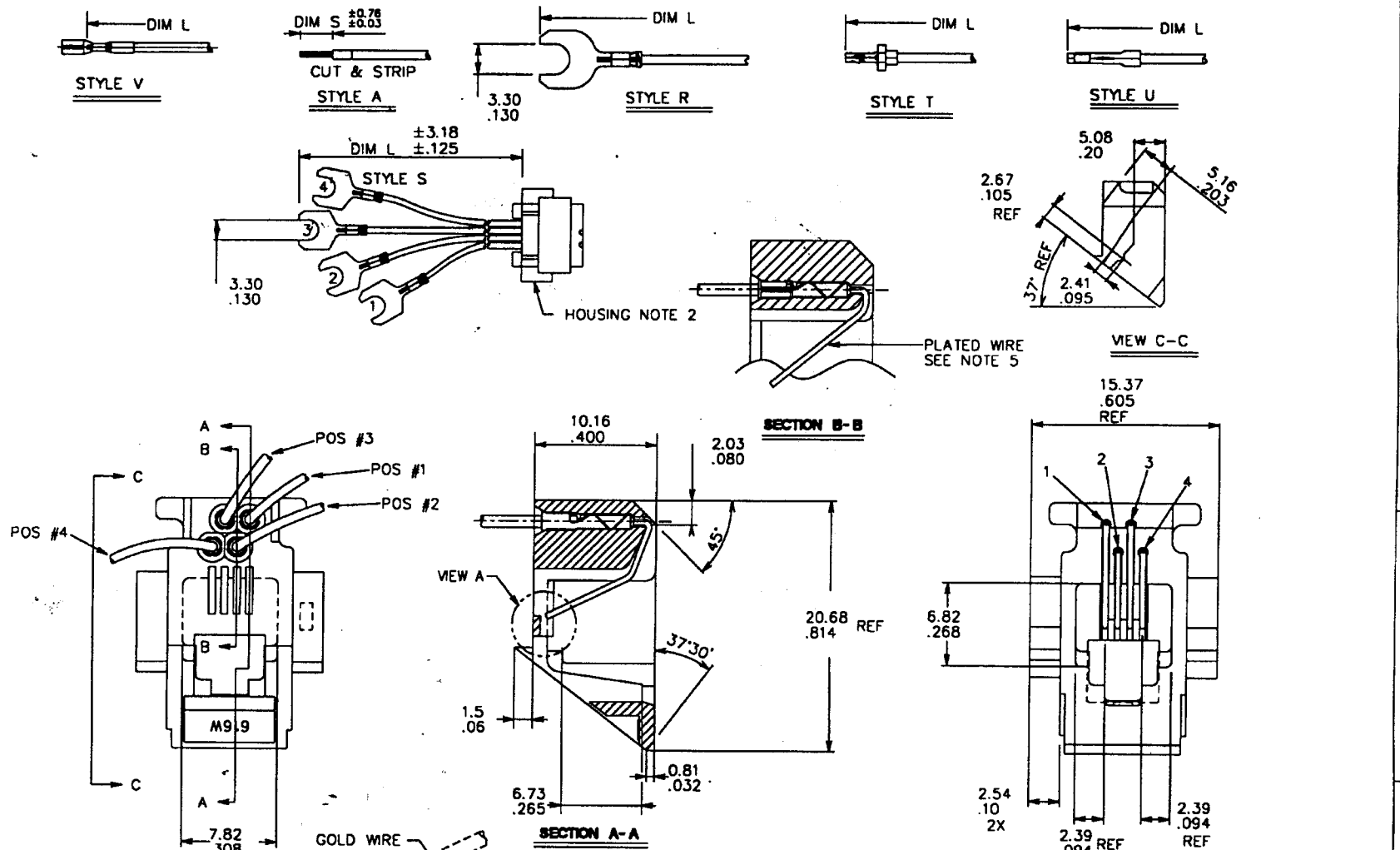

mat'l code				tolerance unless otherwise specified			CUSTOMER	
rev.	ecn no.	dr	date	lineor	.0 ± 0.25		COPY	
AH	T50118	TC	04/26/95		.00 ± 0.13		projection	title
AJ	T80283	TC	07/08/98		.000± 0.05			MOD JACK 616W
AK	T80501	JSR	11/10/98	angles	± 2°			
AL	N90129	M W	12/03/98	dr	KCHOU	10/19/93	unit	product family
AM	N00101	M W	07/07/00	engr	M CHENG	10/09/00	mm/inch	size A3 dwg no. 65906 code TWN
AN	N00102	M W	08/02/00	chr	M CHENG	10/09/00	scale 3/1	sheet 1 OF 7
AP	N00160	M C	10/09/00	appd	J GOH	10/09/00		
sheet	revision	AP	AL	AL	AL	AL	AL	AP
index	sheet	1	2	3	4	5	6	7

PDM: Rev:AP STATUS:Released Printed: Aug 01, 2010

PDM: Rev:AP STATUS:Released Printed: Mar 09, 2001

PRODUCT No	POS NO	WIRE COLOR	DIM L	WIRE STYLE	TERMINAL STYLE	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 MED 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	9.25/235.0				
65906-012	1	RED	3.25/82.6	A	S	UL94V-0 MED 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:

1 FOR VISUAL, MECHANICAL AND FUNCTIONAL REQUIREMENTS SEE PRODUCT SPEC 12-003

② HOUSING MATERIAL: SEE TABLE

3 TERMINAL PLATING:
STYLE "S"-PREPLATED WITH 100u"/2.54u TO 300u"/7.62u TIN LEAD
STYLE "R"-UNPLATED PLAIN BRASS.

4 TERMINAL MATERIAL: 3/4 HARD BRASS ALLOY UNS-C26000

⑤ PLATED WIRE MATERIAL: 135 TO 150M PSI PHOS BRONZE ALLOY UNS-C51000
PLATING: SEE TABLE

6 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.

7 ALL DIMENSIONS MARKED WITH ASTERISKS ARE REFERENCE FOR MOUNTING

⑧ 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

ltr	ecn no	dr	date
AL			

sheet index | revision sheet 1

tolerances unless otherwise specified
linear 0.0±0.25/.00±.01 | 0.00±0.13/.000±.005 | 0.000±0.05/.0000±.002
angles

dr	KCHOU	102193
engr	TC	102193
chr	JTSAO	102193
appd	JTSAO	102193

CUSTOMER COPY

projection

scale #

title: MOD JACK 616W

product family | code

size A 3 | dwg no 65906 | sheet 2 of

form no. 7530-001-104

PDM: Rev:AP STATUS:Released Printed: Aug 01, 2010

PDM: Rev:AP STATUS:Released Printed: Mar 09, 2007

PRODUCT No	POS NO	WIRE COLOR	DIM L	WIRE STYLE	TERM STYLE	HOUSING MAT'L	CONTACT PLATING
65906-018	1	RED	9.25/235.0	B	R	ABS UL94V-0 GRAY	30u"/.76u AU OVER 100u"/2.54 NI
	2	WHITE	9.25/235.0				
	3	GREEN	9.25/235.0				
	4	BLACK	9.25/235.0				
65906-019	1	RED	3.25/82.6	A	S	ABS UL94V-0 GRAY	30u"/.76u AU OVER 100u"/2.54 NI
	2	WHITE	3.25/82.6				
	3	GREEN	3.25/82.6				
	4	BLACK	3.25/82.6				
65906-020	1	RED	3.25/82.6	A	R	ABS UL94V-0 GRAY	30u"/.76u AU OVER 100u"/2.54 NI
	2	WHITE	7.00/177.8				
	3	GREEN	7.00/177.8				
	4	BLACK	3.25/82.6				
65906-021	1	RED	3.25/82.6	A	R	ABS UL94V-0 WHITE	30u"/.76u AU OVER 100u"/2.54 NI
	2	WHITE	9.25/235.0				
	3	GREEN	9.25/235.0				
	4	BLACK	3.25/82.6				
65906-022	1	RED	3.25/82.6	A	R	ABS UL94V-0 WHITE	30u"/.76u AU OVER 100u"/2.54 NI
	2	WHITE	7.00/177.8				
	3	GREEN	7.00/177.8				
	4	BLACK	3.25/82.6				
65906-023	1	RED	3.25/82.6	A	R	ABS UL94V-0 GRAY	30u"/.76u AU OVER 100u"/2.54 NI
	2	WHITE	3.25/82.6				
	3	GREEN	3.25/82.6				
	4	BLACK	3.25/82.6				
65906-024	1	RED	2.56/65.0	B	R	ABS UL94V-0 GRAY	30u"/.76u AU OVER 100u"/2.54 NI
	2	WHITE	2.56/65.0				
	3	GREEN	2.56/65.0				
	4	BLACK	2.56/65.0				
65906-025	1	RED	3.25/82.6	B	S	ABS UL94V-0 GRAY	30u"/.76u GXT
	2	WHITE	9.25/235.0				
	3	WHITE	9.25/235.0				
	4	BLACK	3.25/82.6				
65906-026	1	RED	3.25/82.6	A	S	ABS UL94V-0 GRAY	30u"/.76u GXT
	2	WHITE	3.25/82.6				
	3	GREEN	3.25/82.6				
	4	BLACK	3.25/82.6				
65906-027	1	RED	3.25/82.6	A	S	ABS UL94V-0 GRAY	30u"/.76u GXT
	2	WHITE	9.25/235.0				
	3	GREEN	9.25/235.0				
	4	BLACK	3.25/82.6				
65906-028	1	RED	4.25/108.0	MFG OPTION	T	ABS UL94V-0 GRAY	30u"/.76u GXT ← OBSOLETE
	2	-NOTLOADED-					
	3	GREEN	4.25/108.0				
	4	BLACK	4.25/108.0				

mat'l code

itr	ecn no	dr	date
AL			

sheet index | revision sheet 1

tolerances unless otherwise specified

linear 0.0±0.25/.00±.01; 0.00±0.13/.000±.005; 0.000±0.05/.0000±.002

angles

CUSTOMER COPY

projection

dr	KCHOU	102193
engr	TC	102193
chk	JTSAO	102193
appd	JTSAO	102193

scale 8

title: MOD JACK 616W

product family

size A3 dwg no 65906

code

sheet 3 of

form no. 7530-001-104

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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		V			
	3	GREEN	212.0/8.35		V			
	4	BLACK	77.0/3.03		R			
65906-034	DISCONTINUED							

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	
ltr	ecn no	dr	date		0.0±0.25/.00±.01			
AL				linear	0.00±0.13/.000±.005		projection	title
					0.000±0.05/.0000±.002			MOD JACK 616W
				angles				
				dr	KCHOU	102293		product family / code
				engr	TC	102293		
				chr	JTSAO	102293	scale #	size A 3 / dwg no 65906 / sheet 4 of
				appd	JTSAO	102293		
sheet index	revision sheet	1						

form no. 7530-001-104

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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 2 3 4	RED WHITE GREEN BLACK	82.6/3.25 235.0/9.25 235.0/9.25 82.6/3.25	A	S	PLATED	ABS UL94V-0 BLACK	15U"/.38U AU	——
65906-036	1 2 3 4	RED WHITE GREEN BLACK	81.8/3.22 234.2/9.22 234.2/9.22 81.8/3.22	D	R	UNPLATED	ABS UL94V-0 GRAY	30U"/.76U AU	——
65906-037	1 2 3 4	RED WHITE WHITE BLACK	82.6/3.25 235.0/9.25 235.0/9.25 82.6/3.25	C	S	PLATED	ABS UL94V-0 GRAY	30U"/.76U GXT	——
65906-038	1 2 3 4	RED WHITE GREEN BLACK	82.6/3.25 ↕ 82.6/3.25	D	S	PLATED	ABS UL94V-0 GRAY	30U"/.76U GXT	——
65906-039	1 2 3 4	RED NOT GREEN BLACK	108.0/4.25 LOADED 108.0/4.25 108.0/4.25	C	U	PLATED	ABS UL94V-0 GRAY	30U"/.76U GXT	——
65906-040	1 2 3 4	BLACK GREEN WHITE RED	235.0/9.25 ↕ 235.0/9.25	D	S	PLATED	ABS UL94V-0 GRAY	30U"/.76U AU	——

matl code SEE NOTE 1	tolerances unless otherwise specified	CUSTOMER COPY	FCI
ltr / ecn no / dr / date: AL	linear: 0.0+-0.25 / .00+-.01; 0.00+-0.13 / .000+-.005; 0.000+-0.05/ .0000+-.002	projection	title: MOD JACK 616W
	angles: +-0°30'	mm / inch	product family: MOD JACK
	dr: T. CHIEN 090793	scale: N/A	size: A4
	engr: T. CHIEN 090793		dwg no: 65906
	chr: J. TSAO 090893		code: TWN
	appd: J. TSAO 090893		sheet: 5 of
sheet index / revision sheet: 1			

FORM NO. 7536 021-164

PDM: Rev:AP STATUS:Released Printed: Mar 09, 2007

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no

CHAR.

ODUCT 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 2 3 4	RED WHITE GREEN BLACK	88.9/3.50 ↕ 88.9/3.50	D	STRIP AND SOLDER DIP	UNPLATED	ABS UL94V-0 GRAY	30u"/.76u AU	3.175/.125
)06-042	1 2 3 4		NOT	AVAILABLE	YET				
906-043	1 2 3 4	RED WHITE GREEN BLACK	82.6/3.25 241.3/9.50 241.3/9.50 82.6/3.25	A	R	UNPLATED	ABS UL94V-0 GRAY	50u"/1.25u AU	—
906-044			NOT	AVAILABLE	YET				
5906-045			NOT	AVAILABLE	YET				
906-046	1 2 3 4	RED WHITE GREEN BLACK	50.0/1.97 200.0/7.87 200.0/7.87 50.0/1.97	SPECIFIED	BY INDIA	PLATED	ABS UL94V-0 GRAY	30 u"GXT	—
5906-047	1 2 3 4	RED WHITE GREEN BLACK	76.2/3.00 177.8/7.00 127.0/5.00 88.9/3.50	A	STRIP	UNPLATED	ABS UL94V-0 GRAY	30u"/.76u AU	2.5/.10 5.1/.20 3.8/.15 3.8/.15

mat'l code SEE NOTE 1				tolerances unless otherwise specified			CUSTOMER COPY	FCI		
ltr	ecn no	dr	date	linear	0.0+-0.25/.00+-.01					
AL					0.00+-0.13/.000+-.005					
					0.000+-0.05/.0000+-.002					
				angles	+-0°30'					
				dr	T. CHIEN	090793				
				engr	T. CHIEN	090793				
				chr	T. CHIEN	090893				
				appd	J. TSAO	090893				
sheet index	revision sheet	1								

projection | mm / inch | scale N/A

title: MOD JACK 616W

product family: MOD JACK | code: TWN | size: A4 | dwg no: 65906 | sheet: 6 of

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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 2 3 4	RED WHITE GREEN BLACK	63.50/2.50" 177.80/7.00" 114.30/4.50" 68.58/2.70"	A	STRIP AND SOLDER DIP	UNPLATED	ABS UL94V-0 GRAY	30u"/0.76u" Au	2.54/0.10" 5.08/0.20" 3.81/0.15" 3.81/0.15"
65906-049	1 2 3 4	RED WHITE GREEN BLACK	30.00/1.181" 180.00/7.087" 180.00/7.087" 30.00/1.181"	A	STRIP AND SOLDER DIP	UNPLATED	ABS UL94V-0 GRAY	30u"/0.76u" Au	3.00/.12" 7.00/.28" 7.00/.28" 3.00/.12"

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mat'l code				tolerance unless otherwise specified			CUSTOMER COPY	FCI
rev.	ecn no.	dr	date	linear	.0 ± 0.25			
AP					.00 ± 0.13		projection	title: MOD JACK 616W
					.000± 0.05			
				angles	± 2'			
				dr	MAGGIE WU	10/13/98	unit: mm/inch	product family
				engr	M CHENG	10/09/00		size: A3 dwg no.: 65906 code: TWN
				chr	M CHENG	10/09/00	scale: 3/1	
				appd	J GOH	10/09/00		sheet: 7 OF

sheet index	revision sheet

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