





PRODUCT NO <b>68974</b>		REVISIONS	
REV	DESCRIPTION	BY	DATE
A			

PRODUCT NO	POS. NO.	COLOR	LEAD LNTH DIM. "L"	FINISI. ON END OF WIRE	INS. STRIP DIM. X	INS. WIRE NO	(NOTE 5)	(NOTE 2)	(NOTE 3)	(NOTE 4)
68974-007	1	RED	82.55/3.25	CUT & STRIP	3.00/.12	301025-003		HOUSING	TERMINAL	GOLD WIRE
	2	WHITE	234.95/9.25			-004		PLATING		PLATING
	3	GREEN	234.95/9.25			-005		65883-005	Non-Plated	0.75µm/30µ"
	4	BLACK	82.55/3.25	CUT & STRIP	3.00/.12	301025-002		L/GRAY		
68974-008	1	RED	53.00/2.09	CUT & STRIP	6.00/.24	301025-003		SK11521-001	Plated	0.75µm/30µ"
	2	WHITE	203.00/7.99			-004		Beige		
	3	GREEN	203.00/7.99			-005				
	4	BLACK	53.00/2.09	CUT & STRIP	6.00/.24	301025-002				
68974-009	1	RED	85.60/3.37	CUT & STRIP	4.30/.17	301025-003				
	2	WHITE	218.95/8.62			-004		65883-005		1.27µm/50µ"
	3	GREEN	218.95/8.62			-005		L/GRAY		
	4	BLACK	85.60/3.37	CUT & STRIP	4.30/.17	301025-002				
68974-010	1	RED	82.60/3.25	CUT & STRIP	5.08/.20	301025-003				
	2	WHITE	177.80/7.00			-004		65883-005		0.75µm/30µ"
	3	GREEN	177.80/7.00			-005		L/GRAY		
	4	BLACK	82.60/3.25	CUT & STRIP	5.08/.20	301025-002				
68974-011	1	RED	82.60/3.25	CUT & STRIP	5.08/.20	301025-003				
	2	BLACK	127.00/5.00			-002		65883-005		0.75µm/30µ"
	3	WHITE	127.00/5.00			-004		L/GRAY		
	4	GREEN	82.60/3.25	CUT & STRIP	5.08/.20	301025-005				
68974-012	1	RED	82.60/3.25	CUT & STRIP	5.08/.20	301025-003				
	2	WHITE	234.95/9.25			-004		65883-005	Plated	1.27µm/50µ"
	3	GREEN	234.95/9.25			-005		L/GRAY		
	4	BLACK	82.60/3.25	CUT & STRIP	5.08/.20	301025-002				

CUSTOMER COPY		DATE	
MAIL	DATE	DR	DA
		CK'D	
ENGR	FINISH	ENGR	APP'D
TOLERANCES UNLESS OTHERWISE INDICATED		INCH	MM
DO NOT SCALE DRAWING	<input checked="" type="checkbox"/> DIM ANGLE PROTECTION	DO	DO NOT DO
NEXT ASSY	USED ON	RADI	ANGLES
APPLICATION			

  

FCJ	
TITLE	616W SPADELESS M/J ASSY
SCALE	B
SIZE	B
DWG NO	68974
SHEET	3 OF

RESTRICTED TO AP  
 EFFECT CHANGING  
 DRAWING  
 CIP. E. DASTY  
 CM. E. LPTUCHING  
 CDON. C. EP. C.  
 CTODLG. CUST.  
 CO. C. CMHR.  
 CINS. P. MUPRES.  
 CD. SUS. QUANTAL AND  
 CINS. P. MUPRES.  
 ISSUE DATE: 1/23/88

PRODUCT NO  
 68974

PRODUCT NO	POS. NO.	COLOR	LEAD LGTH DIM. "L"	FINISH ON END OF WIRE	STRIP DIM. X	INS. NO	(NOTE 5) INS. NO	HOUSING P/S & COLOR	(NOTE 3) TERMINAL PLATING	(NOTE 4) GOLD WIRE PLATING	REVISIONS	
											REV	DESCRIPTION
68974-013 <i>HS4 1/2 68974</i>	1	RED	53.00/2.09	CUT & STRIP	6.00/.24	301025-003						
	2	WHITE	203.00/7.99			-004		SK11521	PLATED	0.75µm/30µ"		
	3	GREEN	203.00/7.99			-005						
	4	BLACK	53.00/2.09	CUT & STRIP	6.00/.24	301025-002		BLACK				
68974-014	1	RED	82.55/3.25	CUT & STRIP	4.00/.16	301025-003						
	2	WHITE	234.95/9.25			-004				"SXT"		
	3	GREEN	234.95/9.25			-005		65883-005		0.75µm/30µ"		
	4	BLACK	82.55/3.25	CUT & STRIP	4.00/.16	301025-002		L/GRAY				
68974-015	1	RED	85.00/3.35	CUT & STRIP	10.00/.39	SK8241-003						
	2	WHITE	195.00/7.68			-004						
	3	GREEN	195.00/7.68			-005		65883-005	PLATED	0.375µm/15µ"		
	4	BLACK	85.00/3.35	CUT & STRIP	10.00/.39	SK8241-002		L/GRAY				
68974-016	1	RED	80.00/3.15	CUT & STRIP	10.00/.39	301025-003						
	2	WHITE				-004		65883-005	Non-Plated	0.75µm/30µ"		
	3	GREEN				-005						
	4	BLACK	80.00/3.15	CUT & STRIP	10.00/.39	30.025-002		L/GRAY				
68974-017	1	RED	50.00/1.97	CUT & STRIP	3.00/.12	SK15149-003						
	2	WHITE	200.00/7.87			-004		SK11521				
	3	GREEN	200.00/7.87			-005						
	4	BLACK	50.00/1.97	CUT & STRIP	3.00/.12	SK15149-002		BLACK	Non-Plated			
68974-018	1	RED	85.60/3.37	CUT & STRIP	4.30/.17	301025-003						
	2	WHITE	218.95/8.62			-004						
	3	GREEN	218.95/8.62			-005		65883-005	PLATED	0.75µm/30µ"		
	4	BLACK	85.60/3.37	CUT & STRIP	4.30/.17	301025-002		L/GRAY				

CUSTOMER COPY		DATE		MATERIAL	
TITLE		SCALE		SIZE	
616W SPADELESS M/J ASSY		1/8" = 1"		M/J ASSY	
68974		SMT 4			

PRODUCT NO.  
68974

REV	DESCRIPTION	REV	DATE
A		S	

PRODUCT NO	POS. NO.	COLOR	LEAD LGTH DIM. 'L'	FINISH ON END OF WIRE	INS. STRIP DIM. X	INS. WIRE NO	(NOTE 2) HOUSING P/S & COLOR	(NOTE 3) TERMINAL PLATING	(NOTE 4) GOLD WIRE PLATING
68974-019	1	RED	54.00/2.13	STRIP & DIP	3.0 +0.5/-0 /12 +.02/-0	SK15149-003			
	2	WHITE	204.00/8.03			(UL-1061, AUG 26, 2004)	65883-005	NON-PLATED	1.27 μm/50 μm
	3	GREEN	204.00/8.03			(NON-TAPABLE)			
	4	BLACK	54.00/2.13	STRIP & DIP	3.0 +.05/-0 /12 +.02/-0	SK15149-002	L/GRAY		
68974-020	1	RED	174.00/6.85	CUT		300979-003			
	2	WHITE				-004	65883-005		0.75 μm/30 μm
	3	GREEN				-005	L/GRAY		
	4	BLACK	174.00/6.85	CUT		300979-002			
68974-021	1	RED	185.00/7.28	CUT		300979-003			
	2	WHITE				-004	65883-005	NON-PLATED	0.75 μm/30 μm
	3	GREEN				-005	L/GRAY		
	4	BLACK	185.00/7.28	CUT		300979-002			

SUBMITTED TO AP  
 CHECKED  
 DRAWING  
 DATE  
 BY  
 TITLE  
 SCALE  
 DWG. NO.  
 SHEET NO. OF

CUSTOMER INSPECTION		TOLERANCES UNLESS OTHERWISE NOTED		DATE		MATERIAL	
<input checked="" type="checkbox"/> THIRD ANGLE PROJECTION <input type="checkbox"/> DO NOT SCALE DRAWING		LINEAR .002 .002 ± .005 .002 ± .012 .002 ± .015 ANGLES ± 0° 30'		CK'D ENGR APP'D		FINISH 5/15/08	
NEXT ASSY		USED ON		TITLE		SCALE	
APPLICATION				616W SPADELESS M/J ASSY		A3 68974 SHT 5 OF 5	



THIS IS THE PROPERTY OF AND UNLESS OTHERWISE SPECIFIED BY THE DESIGN ENGINEER, IT IS TO BE KEPT IN CONFIDENCE AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

		REVISIONS											
		REV	DESCRIPTION	BY	DATE								
		B	ECRT10007	JACOB	910107								
PRODUCT NO.	WIRE NO.	WIRE COLOR	DIM. 'L' (MM)	INS. WIRE STYLE (NOTE 5)	HOUSING P/N,COLOR (NOTE 2)	HOUSING COLOR	SPLICE FINISH (NOTE 3)	SPRING CONTACT PLATING (NOTE 4)	DIM. 'X' (MM)	FINISH ON WIRE END			
68974-022	1	RED	48.0/1.89	301025-XXX	65883-005	LIGHT GRAY	UNPLATED	30U"AU	3.0/0.12	CUT & STRIP			
	2	WHITE											
	3	GREEN											
	4	BLACK	48.0/1.89						3.0/0.12				
68974-023	1	BLACK	60.0/2.36	301025-XXX	65883-005	LIGHT GRAY	UNPLATED	30U"GXT	3.0/0.12	CUT & STRIP			
	2	RED	190.0/7.48										
	3	GREEN	190.0/7.48										
	4	YELLOW	60.0/2.36						3.0/0.12				
68974-024	1	RED	81.8/3.22	301025-XXX	65883-005	LIGHT GRAY	UNPLATED	30U"GXT	5.08/0.20	CUT & STRIP			
	2	WHITE	234.2/9.22										
	3	GREEN	234.2/9.22										
	4	BLACK	81.8/3.22						5.08/0.20				
68974-025	1	RED	40.0/1.57	301025-XXX	65883-005	LIGHT GRAY	UNPLATED	30U"GXT	3.0/0.12	CUT & STRIP			
	2	WHITE	180.0/7.09										
	3	GREEN	180.0/7.09										
	4	BLACK	40.0/1.57						3.0/0.12				
68974-026	1	RED	82.55/3.25	301025-XXX	SK11521-2	BLACK	PLATING	15U"AU	5.08/0.20	CUT & STRIP			
	2	WHITE	234.95/9.25										
	3	GREEN	234.95/9.25										
	4	BLACK	82.55/3.25						5.08/0.20				
68974-027	1	RED	40.0/1.57	301025-XXX	65883-005	LIGHT GRAY	UNPLATED	30U"GXT	3.0/0.12	CUT & STRIP			
	2	WHITE	183.0/7.20										
	3	GREEN	183.0/7.20										
	4	BLACK	40.0/1.57						3.0/0.12				
68974-028	1	RED	50.0/1.97	300979-XXX	65883-005	LIGHT GRAY	UNPLATED	30U"AU	3.0/0.12	CUT & STRIP			
	2	WHITE	180.0/7.09										
	3	GREEN	180.0/7.09										
	4	BLACK	50.0/1.97						3.0/0.12				



SHEET INDEX	ISSUE B	SHEET NO. 6	CUSTOMER		TOLERANCES UNLESS OTHERWISE NOTED		DATE		DR. JACOB		MATERIAL	
			THIRD ANGLE PROJECTION		LINEAR		OCT 22 09		OCT 22 09		MATT	
			DO NOT SCALE DRAWING		MM		OCT 22 09		CK'D J.TSAO		FINISH	
					INCH		OCT 22 09		ENGR. JACOB			
					INCH		OCT 22 09		APP'D J.TSAO			
					ANGLES		RADIUS		SCALE		TITLE	
					-0.30°		0.40 0.015		A1		MOD. JACK A'SSY 616W	
									SIZE		DWG. NO.	
									A1		68974-XXX	
									SHEET		6 OF	

product no  
SEE CHART

PRODUCT NO.	WIRE NO.	WIRE COLOR	DIM. 'L'	INS. WIRE STYLE (NOTE 5)	HOUSING MATERIAL (NOTE 2)	HOUSING COLOR	SPLICE FINISH (NOTE 3)	SPRING CONTACT PLATING (NOTE 4)	DIM. 'X'	FINISH ON WIRE END
68974-029	1	RED	40.00/1.58	TYPE B	ABS UL 94V-0	LIGHT GRAY	UNPLATED	30U" GXT	3.0/0.12	CUT & STRIP
	2	WHITE	193.00/7.60							
	3	GREEN	193.00/7.60							
	4	BLACK	40.00/1.58							
68974-030	1	RED	40.00/1.58	TYPE B	ABS UL 94V-0	LIGHT GRAY	UNPLATED	30U" AU	2.5/.10	CUT & STRIP
	2	WHITE	↑							
	3	GREEN	↓							
	4	BLACK	40.00/1.58							
68974-031	1	RED	44.00/1.732	TYPE B	ABS UL 94V-0	LIGHT GRAY	UNPLATED	30U" GXT	3.0/0.12	CUT & STRIP
	2	WHITE	194.00/7.638							
	3	GREEN	204.00/8.031							
	4	BLACK	44.00/1.732							
68974-032	1	RED	163.0/6.42	TYPE B	ABS UL 94V-0	LIGHT GRAY	UNPLATED	30U" GXT	3.0/.12	CUT & STRIP
	2	WHITE	↑							
	3	GREEN	↓							
	4	BLACK	163.0/6.42							

MKT CODE		tolerances unless otherwise specified		CUSTOMER COPY		FCI	
sec no	dr	date	projection		616 W SPADELESS MOD JACK		
F	T	02/27/02	mm	616		code	
G	ECR	01/17/02	inch	616 W SPADELESS MOD JACK		TWIN	
H	TUO	01/17/02	mm	product family		MOO JACK	
			inch	size (diag no)		code	
			scale	A4		68974	
sheet no	revision	sheet			7 of 7		