

REL.	35508-36	WAS	DATE	D. MAN.	APPD.
1	36162-18	SEE SHEET 1	1-28-60	MARKUSKI	Bojarski
2	36545-21	SEE SHEET 1	4-12-60	LEWIS	Hizbullah
3	37663-8	SEE SHEET 1	11-22-60	DUFFEK	Bojarski
4	37525-672	SEE SHEET 1	5-6-61	HISCOCK	Hizbullah
5	39969-4	SEE SHEET 1	6-26-62	Lambrecht	Hizbullah
A		(CL II) SEE CHANGE NOTICE ECN: A4900	6/30/08	H. BROOKER	

ASSEMBLY NUMBER	PT NO.	DETAILS			DIMENSIONS								
		SHELL	COUPLING	ELBOW ASSEMBLY	B ±.031	C +.010 -.020	D ±.062	E ±.025	J	L ±.047	Q DIA MAX	Z ±.035	
71-148806-	08E-6-					NOT	AVAILABLE						
71-148808-	- 8-	10-184961 -83	10-123016-73	10-184964 -83	.655	.156	.941	.339	.353	1.433	.796	.525	
71-148810-	- 10-	-103	- 93	-103	.749	.169	1.191	.393		1.527	.921		
71-148812-	- 12-	-123	-123	-123	.812	.264	1.191	.450		1.612	1.046		
71-148814-	- 14-	-143	-143	-143	.905	.310	1.254	.519		1.760	1.171		
71-148816-	- 16-	-163	-163	-163	1.030	.330	1.316	.583		1.962	1.297		
71-148818-	- 18-	-183	-183	-183	1.015	.444	1.562	.621		2.070	1.422		
71-148820-	- 20-	-203	-203	-203	1.077	.510	1.625	.683	.415	2.280	1.562	.619	
71-148822	- 22-	-223	-223	-223	1.139	.515	1.719	.739		2.327	1.672		
71-148824	- 24-	-243	-243	-243	1.265	.656	1.751	.797		2.565	1.797		
71-148826/50		NOT	AVAILABLE										



71-148806 THRU
71-148850

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- FOR CONTACT ARRANGEMENTS, SEE DRAWINGS L-15206-() THRU L-15250-().
- MATES WITH RECEPTACLE 71-148006/50 AND OTHERS.
- TO COMPLETE ASSY NO. & PT NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-1.
- FOR COMPONENT PART NUMBERS OF DESIRED ARRANGEMENT, SEE APPLICABLE PARTS LIST.
- VERTICAL CENTERLINES OF INSERT ARRANGEMENT AND SHELL POLARIZING KEY MUST BE WITHIN .005 OF INDICATED ROTATION PER 9-2437-1.
- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- DIMENSIONS INDICATE FINAL INSTALLATION. FOR STORAGE & SHIPPING, SHELL & ELBOW ASSEMBLY MUST BE LOOSELY COUPLED.
- INSERTS & CONTACTS MUST NOT BE REMOVED.
- ALL UNUSED GROMMET HOLES TO BE FILLED WITH GROMMET SEALING ROD OR GROMMET SEALING PLUGS. SEE DRAWING 10-150000 (27 & 28)
- COUPLING SLOTS & WASHER TO BE LUBRICATED PER 9-3502 .
- DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER
- ALL LOCKWIRE HOLES ARE .044 DIA MIN.
- DISTANCE BETWEEN END OF SHELL & THE POINT AT WHICH A GAGE PIN, HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT & A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.

SOLDER WELL DATA			
CONTACT SIZE	20	16	
WELL DATA	.046 ^{+0.004} / _{-0.000}	.078 ^{+0.004} / _{-0.002}	
WELL DEPTH	1.031 1.000	.125	.188

MATERIAL SPEC:	PROCESS SPEC TEST 9-3980-2 ASSY 9-3443-2 9-2437-1 9-3502 9-2811	HEAT TREAT SPEC:	FINISH SPEC:
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SCINTILLA DIVISION BENDIX AVIATION CORPORATION SIDNEY, N. Y., U.S.A.			
NAME CONNECTOR, ELECTRICAL PLUG, TYPE: PTE () MC, 90°, OLIVE DRAB			
D MAN	CHECKER	MAT	ST DS
Fairchild	Balentine		
11-20-58	2-25-59		
APPROVED	SCALE	NONE	

TOLERANCES UNLESS OTHERWISE SPECIFIED	
FRACTIONS ±	DECIMALS ± .010
CONCENTRICITY TIR	SURFACE ROUGHNESS MICRO IN RMS MAX
NEXT ASSEMBLY	WEIGHT ± LB SEE PARTS LIST
SUPERSEDED AND IS NOT INTERCHANGEABLE	
SUPERSEDED BY 71-148806 THRU 71-148850	
SHEET 2 OF 2 CODE 77820	

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[M2884010AC1S1](#) [CT0-24-10SC](#) [CT0M20-7PCAU](#) [M28840/17AC1G3](#)