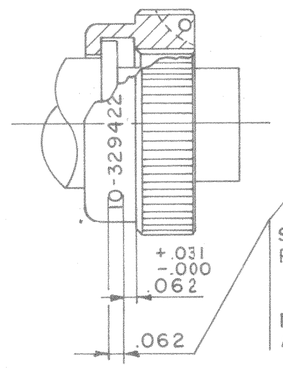
ASSEMBLY NUMBER	MS REF NO.	SHELL	COUPLING NUT	THREADED RING	GASKET	END BELL	A THREAD CLASS 2B	C +.016 −.047	D	H DIA	J ±.005	L MAX	Q DIA MAX	Z ±.045
10-329420	06P-8S-	10-37157-8	10-37265-8	10-183393-83	10-035957-081	10-36298-8	.5000-28 UNEF	.492	.438	.288	.531	1.449	.741	.562
10-329421	-10S-	↓ -10	↓ -10	-103	-081	-10	.6250-24 NEF		↓	.359		↓	.869	
10-329422	-10SL	10-113487-11	SHELL & NUT ASSY	-123	-081	-12	.6250-24 NEF		+.010 −.000 .500	.484		1.500	.946	
10-329423	-12S-	10-37157-12	10-37265-12	-123	-101	-12	.7500-20 UNEF	↓	.438	.484	↓	1.449	.995	↓
10-329424	-12-	-13	-13	-123	-101	-13	.7500-20 UNEF	.679	.625	.484	.719	1.901	.995	.812
10-329425	-14S-	-14	-14	-143	-121	-14	.8750-20 UNEF	.492	.438	.609	.531	1.449	1.123	.562
10-329426	-14-	-15	-15	-143	-121	-15	.8750-20 UNEF	.679	.625	.609	.719	1.901	1.123	.812
10-329427	-16S-	-16	-16	-163	-141	-16	1.0000-20 UNEF	.492	.438	.734	.531	1.449	1.250	.562
10-329428	-16-	-17	-17	-163	-141	-17	1.0000-20 UNEF	.679	.625	.734	.719	1.901	1.250	.812
10-329429	-18-	-18	-18	-183	-161	-18	1.1250-18 NEF			.859			1.333	
10-329430	-20-	-20	-20	-203	-181	-20	1.2500-18 NEF			.984			1.461	
10-329431	-22-	-22	-22	-223	-201	-22	1.3750-18 NEF		↓	1.109			1.588	
10-329432	-24-	-24	-24	-243	-221	-24	1.5000-18 NEF		.688	1.234			1.715	
10-329433	-28-	-28	-28	-283	-241	-28	1.7500-18 NS		.688	1.427			1.968	
10-329434	-32-	-32	-32	-323	-281	-32	2.0000-18 NS		.750	1.708			2.209	
10-329435	-36-	-36	-36	-363	-321	-36	2.2500-16 UN			1.895			2.463	
10-329436	↓ -40-	↓ -40	↓ -40	↓ -403	↓ -361	↓ -40	2.5000-16 UN	↓	↓	2.130	↓	↓	2.718	↓
10-329437/39		NOT AVAILABLE												

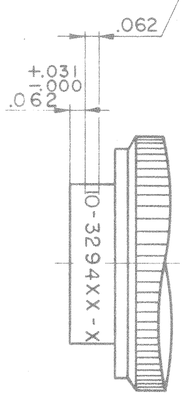
REL NO. 37536-64	REVISIONS			COMM REC
CHG NO.	SYM	DESCRIPTION	DATE	APPROVAL
45525-279	A1	(MFG) WAS 10-101937-12 (10-329422 PACKING COL)	12-23-65 Delmer	B Hayes
50057-2	A2	WAS 10-329236-8, 10-329236-10, & 10-329236-12/40 (SHELL COL) (SIZES 8S, 10S & 12S/40)	2-12-69 CABLE	BT Hayes
53742-1	A3	WAS 10-329296-11 SHELL & NUT ASSY (10-329422 ASSY NO.)	4-26-72 Rundell	W Hayes
	B	(CL II) SEE ECN 87190	8/11/76	Flock



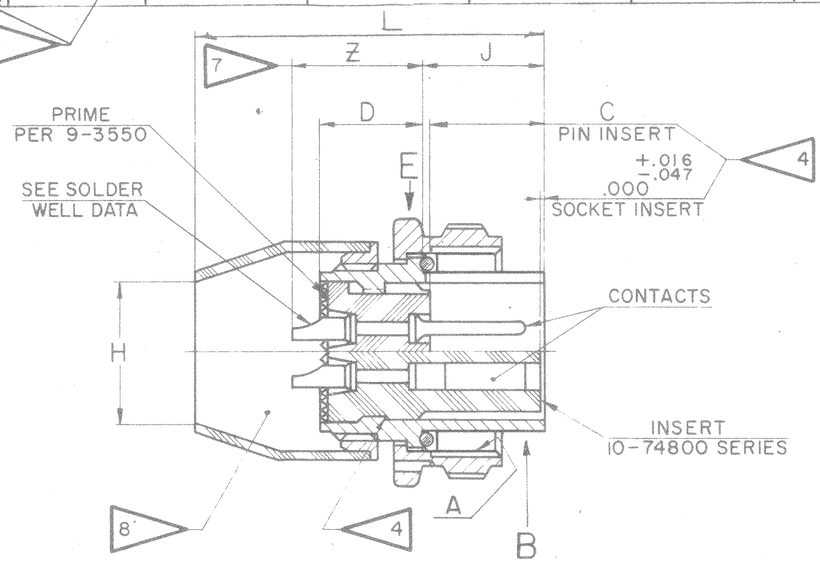
3 STAMP ASSY NO. PER 9-2811 EXAMPLE: 10-329422-3S NUT MUST TURN FREELY AFTER STAMPING.

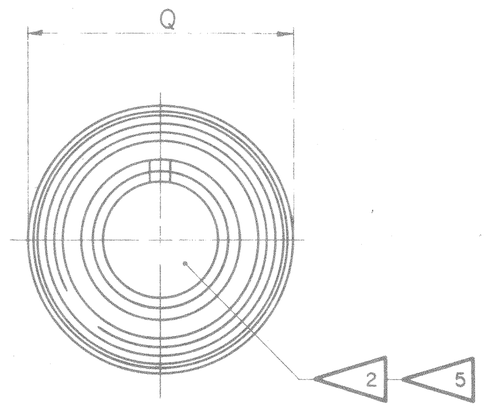
VIEW AT E
10SL ONLY

3 STAMP ASSY NO. PER 9-2811 OPPOSITE KEYWAY EXAMPLE: 10-329424-5P



VIEW AT B
EXCEPT 10SL





10-329420 THRU 10-329439

7. INCREASE Z DIM. BY .312 FOR SIZE "0" CONTACTS ONLY.
6. FOR MATING RECEPTACLE ASSEMBLIES, SEE DRAWINGS 10-189025 THRU 10-189041 & OTHERS.
5. FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33691.
4. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
3. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
2. INSERTS & CONTACTS ARE REMOVABLE.
1. TO COMPLETE ASSEMBLY & MS NO. REF, ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437). TO DETERMINE DESIRED INSERT ARRANGEMENT, SEE PARTS LISTS (PL) 10-329420 THRU 10-329439.

NOTES:

12. LUBRICATE PACKING WITH A THIN COATING OF 9-1564 COMPOUND (MIL-I-8660).
11. UNITS ILLUSTRATED MEET THE MATERIAL & FINISH REQUIREMENTS PER MIL-C-5015D, EXCEPT END BELL IS NYLON.
9. ALL LOCKWIRE HOLES .045 DIA MIN.
8. SIZE "0" CONTACTS MUST BE INDIVIDUALLY POTTED. USE VINYL TUBING OR EQUIVALENT, OF SUITABLE LENGTH & DIA, EXTENDING INTO MAIN POTTED AREA.

SOLDER WELL DATA					
CONTACT SIZE	0	4	8	12	16M
WELL DIA	.469 +.005 −.003	.332 +.005 −.003	.209 +.004 −.002	.116 +.004 −.002	.078 +.004 −.002
WELL DEPTH +.031 −.000	.625	.625	.500	.375	.250

ITEM	REQD	PART NO.	DESCRIPTION	UNIT WT	NEXT ASSY	USED ON

LIST OF MATERIAL — APPLICATION

PROCESS SPEC
TEST 9-3106-5
ASSY 9-3103-1
9-3550, 9-1564, 9-2811, 9-2437

UNLESS OTHERWISE SPECIFIED
1. TOLERANCES: LINEAR .000 ±.010, .00 ±.02, .0 ±.1 ANGULAR ±2°
2. ALL LOCATION TOLERANCES APPLY AT MAXIMUM MATERIAL CONDITION (MMC)
3. RADIUS FILLETS & BREAK EDGES .005-.020.
4. CONCENTRICITY .015 TIR REGARDLESS OF SIZE.
FOR DRAWING INTERPRETATION SEE SPEC 9-3800

MATERIAL SPEC | HEAT TREAT SPEC | FINISH SPEC

ABBREVIATIONS & SYMBOLS (MMC)-MAXIMUM MATERIAL CONDITION (TP)-TRUE POSITION. ▷ -REF NOTE

ORIG ENG JOB NO. 05908
DRAWN: BARTKOW DATE: 10-28-60
CHECKED: E. Horton DATE: 12-8-60
MAT
ST
CH DR: J. Balantic 12-9-60
APPD: D. Sweet 12-9-60

TITLE: CONNECTOR, ELECTRICAL PLUG, TYPE MSR3106P( )MC

Bendix
SCINTILLA DIVISION
BENDIX AVIATION CORPORATION
SIDNEY, N.Y., U.S.A.

10-329420 THRU 10-329439

SCALE: NONE | WT CALC (SEE) ACT (PL) LBS | REF 10-190608/50 | DRAWING SIZE: C | TAB

CODE 77820

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