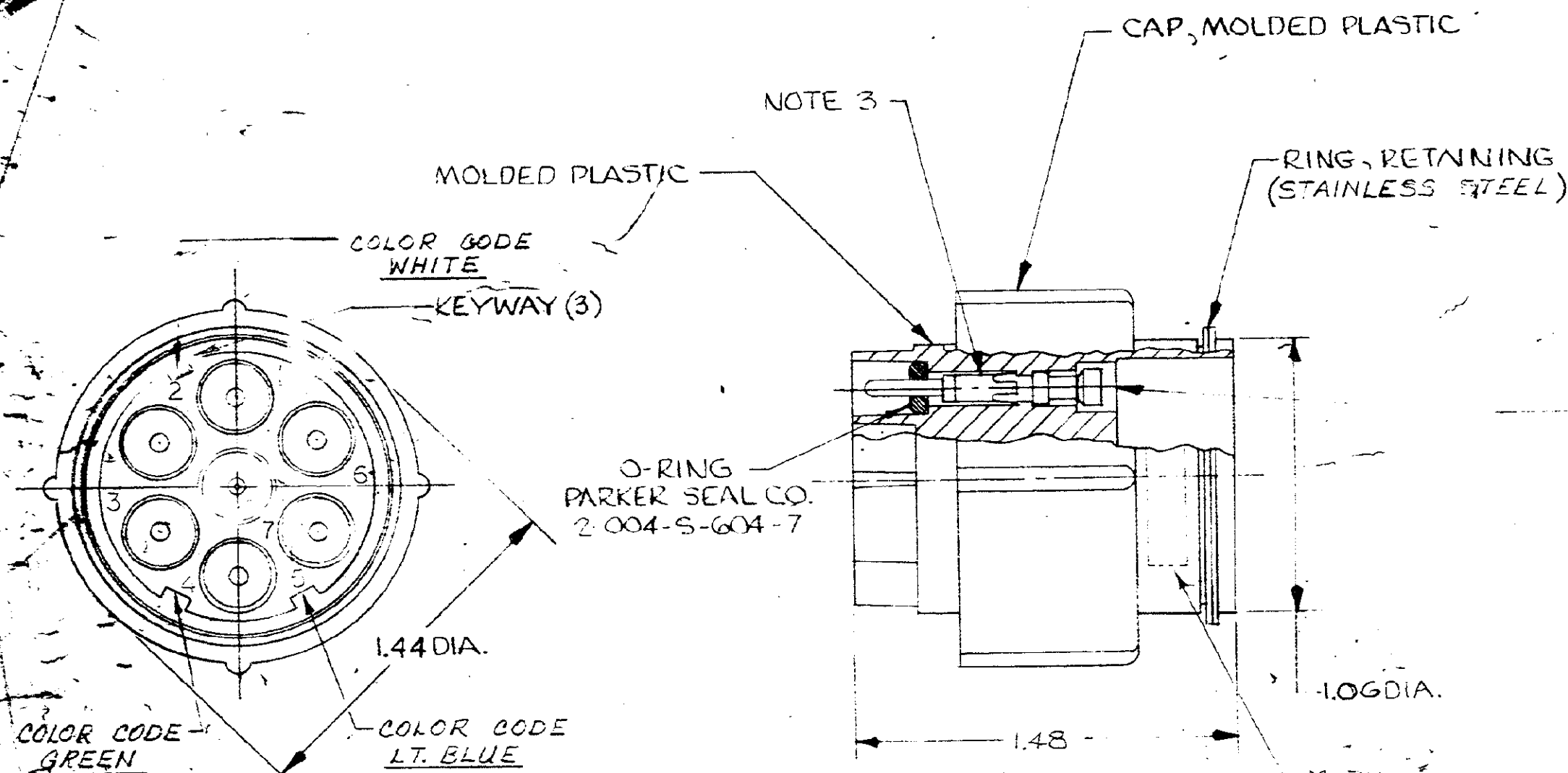


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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-22-2011 BY 60322 UCBAW

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	E			
	C	ADDED - 3E-4	11/7/4	M. H.
	D	ADDED - 5	10-14-75	M. H.
	E	ADDED: NOTE 7	2-27-76	M. H.
	F	ADDED - 6	10-6-76	M. H.
	G	ADDED - 7, 8, 9	6-28-77	M. H.
	H	OBS-3, 4, 5 ECNDF 0276	2-89	T.W.



--- CUSTOMER TO ATTACH LEADS & PROTECT AGAINST ARC-OVER & BREAKDOWN BY POTTING. PINS TO BE COATED WITH RTV JOB AND INSERTED IN CAVITIES, AFTER CURING. FILL BACK END OF PLUGS WITH HYDROL 4210 (REF AMP *S340710-2)

AMP P/N	WIRE SIZE RANGE	HAND TOL.	COLOR CODING
861648-1	20-22, 24	45098	YES
861648-2	16-18	45098	YES
861648-3	20-24 COAX	1 COAX-69656	YES
861648-4	20-24 COAX	5 COAX-69656	YES
861648-5	14	45098	YES
861648-6	~	~	YES
861648-7	20, 22, 24	45099	NO
861648-8	16, 18	45098	NO
861648-9	14	45098	NO

7. TYPE II PINS TO ACCEPT ONE (1) 14 AWG
STRANDED WIRE.

NOTE :

1. PLUG ASSY WILL WITHSTAND WITHOUT BREAK DOWN
27 KVDC PIN TO PIN & 27 KVDC PIN TO GND. WHEN
MATED WITH RECEPTACLE 603 47-1
2. MARKING TO BE WHITE
3. TO FLT. OVER FUL. USE EXTRA PULL TOOL 603 51
4. PLUG & PINS TO BE SHIPPED SEPARATELY.
5. TYPE II PINS TO ACCEPT ONE (1) 20 AWG, (1) 22 AWG,
OR (1) 24 AWG STRANDED WIRE
6. TYPE II PINS TO ACCEPT ONE (1) 18 AWG OR (1) 19 AWG
STRANDED WIRE

QTY REQD				QTY REQD	ITEM NO.	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION				SYMBOL											
-2				-1				PARTS LIST															
				UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES .00 ± .04 ANGLES = .000 ± .015				CONTRACT NO. DR CHK APPD APPD				AMP AMP INCORPORATED CAPITON DIVISION ELIZABETHTOWN, PENNSYLVANIA NAME PLUG ASSY, H.V. 7 PIN EGH											
				MATERIALS				DSBN APPD OTHER APPD				SIZE C				CODE IDENT NO. 00779				NUMBER 861648			
				FINISH: BLACK																			
NEXT ASSY				FINAL ASSY				NEXT ASSY				USED ON											
QTY REQD				APPLICATION								SCALE				WT				SHEET			