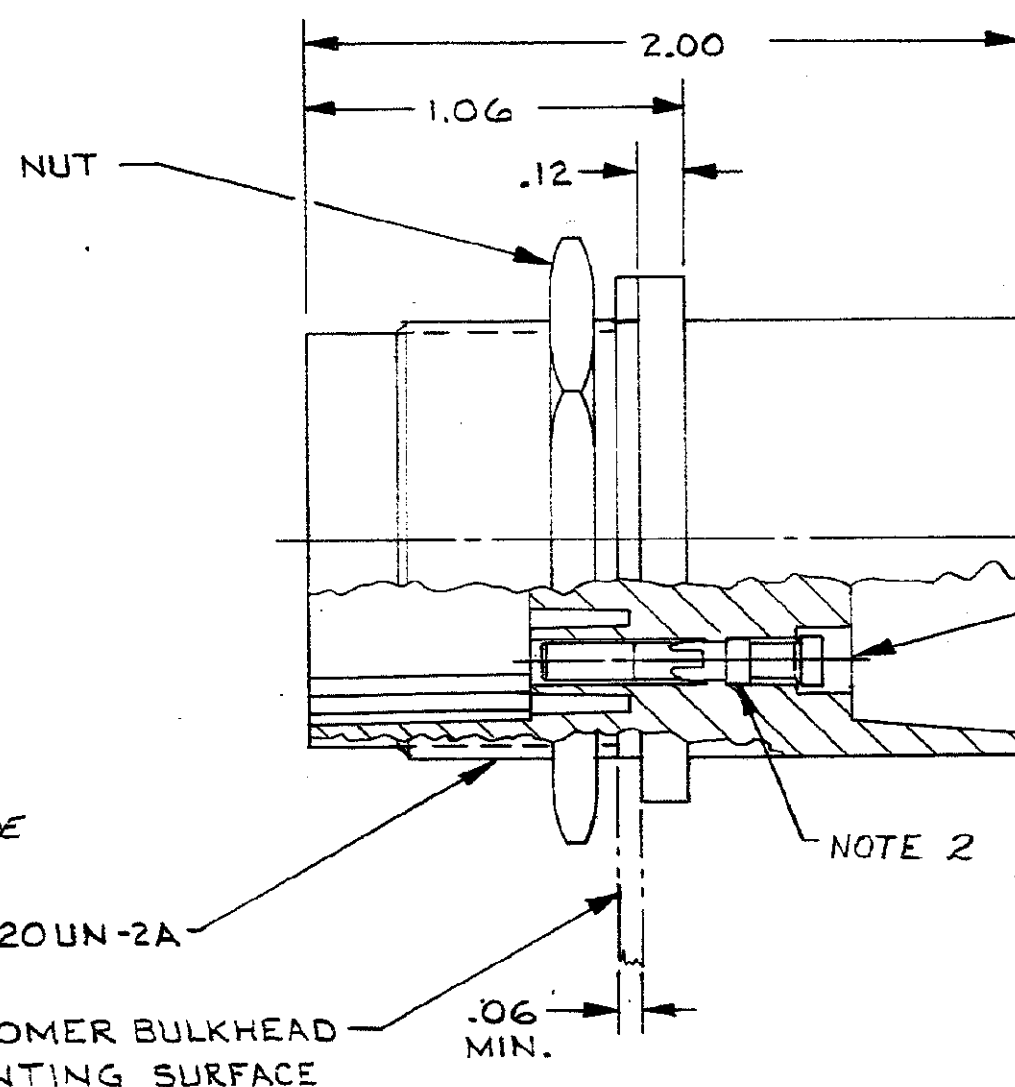
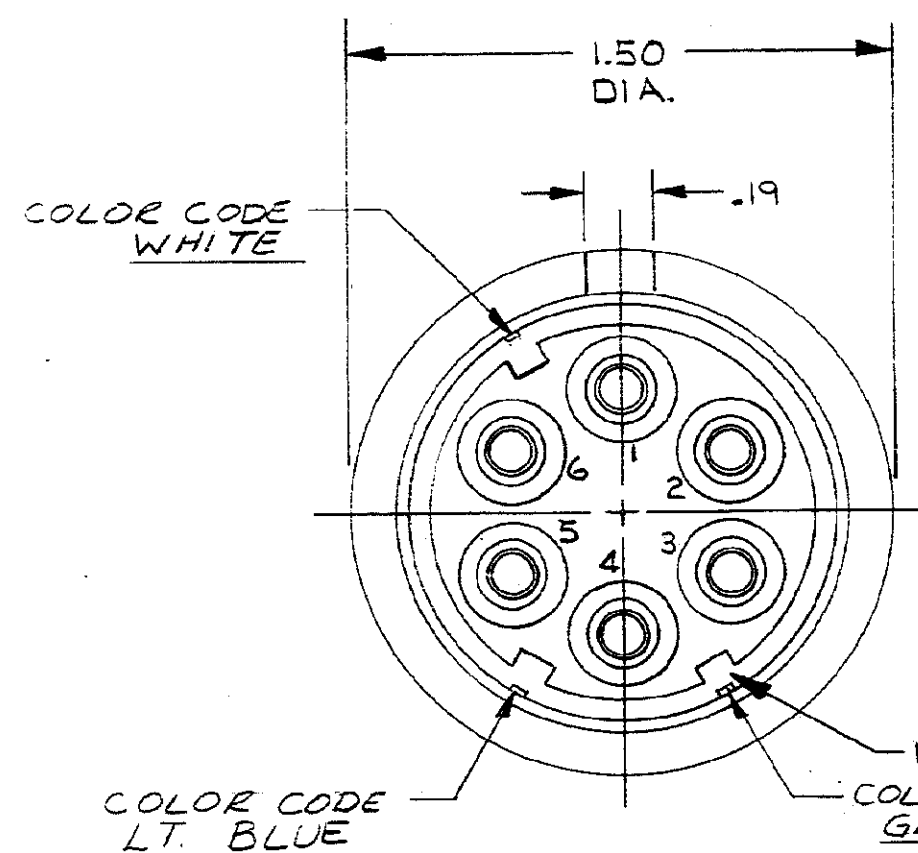


DRAWING MADE IN AMERICAN PROJECTION

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REVISIONS

P.F.	ZONE	LTR	DESCRIPTION	DATE	APPROVED
	—	E	REDRAWN WITH REVISIONS	10EC 7-24-71	M.B.
		F	REV. NOTE 2 & POTTING MATERIAL	8-24-71	M.B.
		G	REV. NOTE 1 & POTTING MATERIAL	BAW 12-17-71	M.B.
		H	ADDED COLOR CODES & DELETED PORTION OF T.D.S.	DS 4-27-72	M.B.
		J	REV. NOTES 1 & 2 ADDED NOTE 5	DS 1-8-74	M.B.
		K	ADDED -3	DS 2-27-76	M.B.
		L	ADDED -4, -5, -6	DS 6-30-77	M.B.
		M	REV. PER E.C.N. 8611	AG 1-31-79	M.B.
		M	ADDED -7 ECN 9738	RN 10/24/93	M.B.
		N	OBSOLETE -7	ECN S3615 11-5-86	R.R.
		P	OBS-3 ECN 0376	2-8-89	T.W.



CUSTOMER TO ATTACH LEADS & PROTECT AGAINST ARC-OVER & BREAKDOWN BY POTTING. SOCKETS TO BE COATED WITH RTV 108 AND INSERTED IN CAVITIES, AFTER CURING FILL BACK END OF RECEPTACLE WITH HYSOL 4210 (REF. AMP *1-859234-7)

NOTES:

1. CAVITY TO ACCEPT AMP SOCKETS, TYPE II, #16 GA. RECEPTACLE AND SOCKETS TO BE SHIPPED SEPARATELY. TO REMOVE SOCKETS USE AMP EXTRACTION TOOL #861751-1
2. TYPE II SOCKETS TO ACCEPT ONE (1) #22, 20, OR #24 AWG STRANDED WIRE. GOLD PLATED PER MIL-G-45204 TYPE II .000050 MIN. THICKNESS.
3. RECEPTACLE WILL WITHSTAND WITHOUT BREAKDOWN, 27KVDC PIN TO PIN & 27KVDC PIN TO GRD. WHEN MATED WITH 859536-1, 859534-1, & 860267-1
4. MARKING TO BE WHITE
5. TYPE II SOCKETS TO EXCEPT ONLY ONE (1) 16 AWG OR (1) 18 AWG STRANDED WIRE
6. TYPE II SOCKETS TO ACCEPT ONE (1) 14 AWG STRANDED WIRE.

* UNMARKED				
AMP P/N	WIRE SIZE RANGE	HAND TOOL	COLOR CODING	
859527-1	20, 22, 24	45099	YES	2
859527-2	16, 18	45098	YES	3
085 859527-3	14	45098	YES	4
859527-4	20, 22, 24	45099	NO	2
859527-5	16, 18	45098	NO	3
859527-6	14	45098	NO	4
OBSOLETE 859527-7 *	16, 18	45098	NO	5

QTY REQD	QTY REQD	ITEM NO.	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SYMBOL
-2	-1					
CONTRACT NO.					AMP INCORPORATED	
DR					CAPITRON DIVISION	
CHK					ELIZABETHTOWN, PENNSYLVANIA	
APPD					NAME	
APPD					RECEPTACLE, FLANGED, H.V.	
DSGN APPD					6 CONTACT	
OTHER APPD					LGH	
SIZE			CODE IDENT NO.	NUMBER		
C			00779	859527		
SCALE			WT	SHEET		
1/1				1/1		

RECOMMENDED PANEL CUTOUT