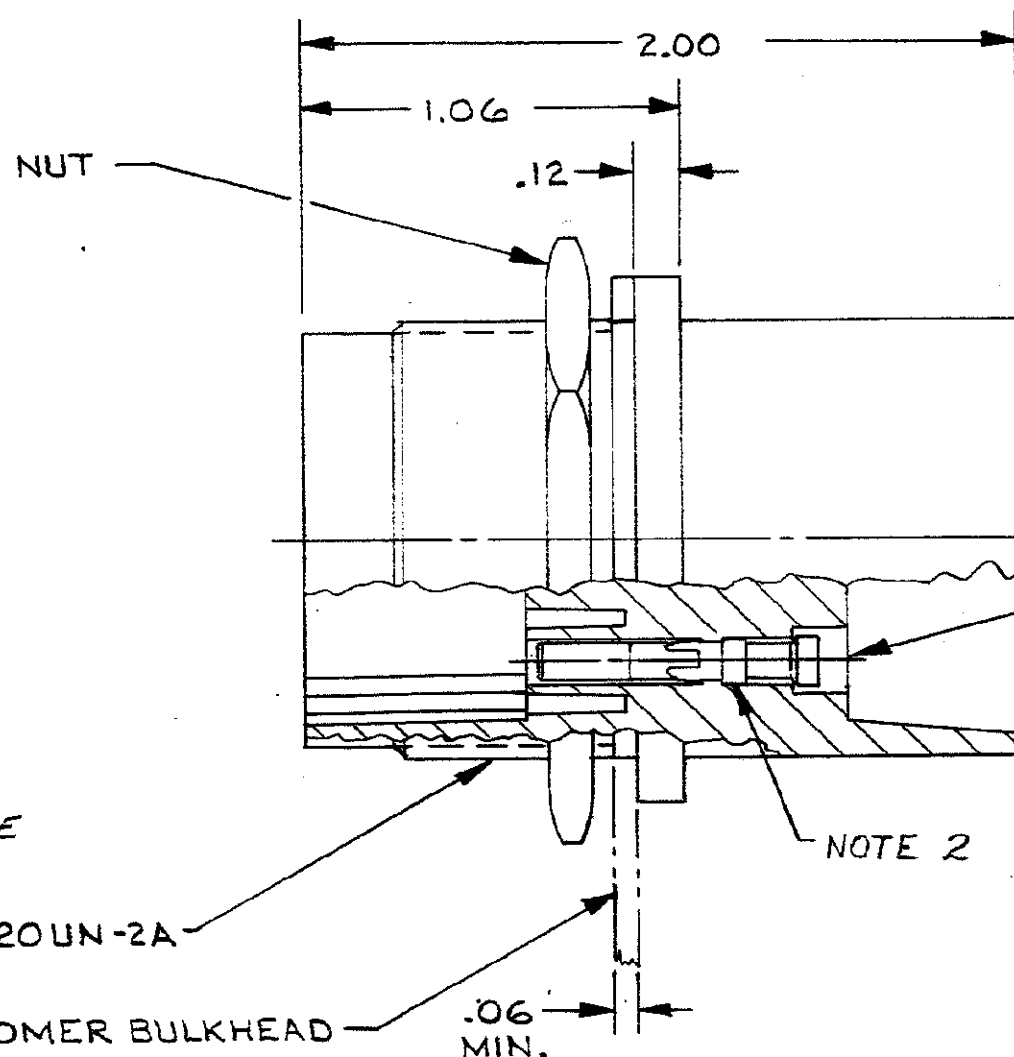
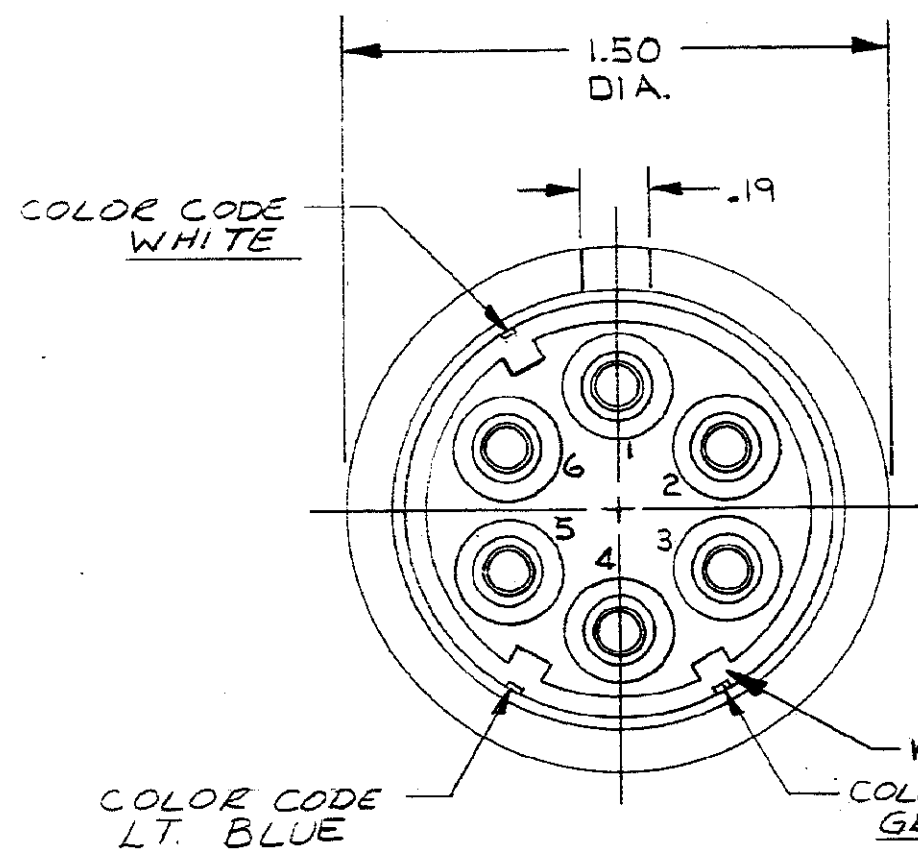


DRAWING MADE IN AMERICAN PROJECTION

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REVISIONS

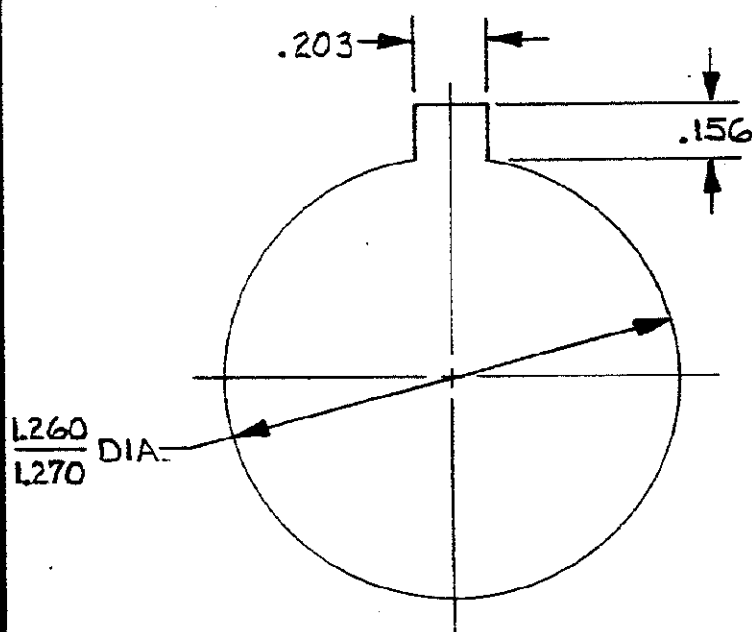
ZONE	LTR	DESCRIPTION	DATE	APPROVED	
	E	REDRAWN WITH REVISIONS	10-24-71	M.G.	
	F	REV. NOTE 2 & POTTING MATERIAL	8-24-71	M.G.	
	G	REV. NOTE 1 & POTTING MATERIAL	12-17-71	M.G.	
	H	ADDED COLOR CODES & DELETED PORTION OF T.D.S.	4-27-72	M.G.	
	J	REV. NOTES 1 & 2 ADDED NOTE 5 ADDED -2	1-8-74	M.G.	
	K	ADDED -3	2-27-76	M.G.	
	L	ADDED -4, -5, -6	6-30-77	M.G.	
	M	REV. PER E.C.N. 8611	1-31-79	M.G.	
	M	ADDED -7 ECN 9738	10-24-93	M.G.	
	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.



RECOMMENDED PANEL CUTOUT

*UNMARKED

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

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES
.00 ± .04 ANGLES = J
.000 ± .015

MATERIAL:
MOLDED PLASTIC

FINISH:
BLACK

QTY REQD	APPLICATION
NEXT ASSY	FINAL ASSY
NEXT ASSY	USED ON

QTY REQD	QTY REQD	ITEM NO.	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SYMBOL
-2	-1					
CONTRACT NO.					AMP INCORPORATED CAPITRON DIVISION ELIZABETHTOWN, PENNSYLVANIA	
DR M. GARDNER 2/11/72					NAME	
CHK					RECEPTACLE, FLANGED, H.V. 6 CONTACT	
APPD M. GARDNER 2/11/71					LGH	
APPD						
DSGN APPD					SIZE	CODE IDENT NO.
OTHER APPD					C	00779
					SCALE	WT
					SHEET 1/1	