DRAWING MADE IN AMERICAN PROJECTION

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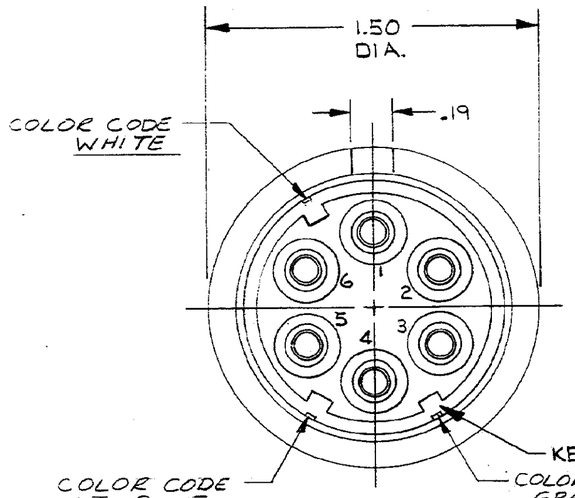
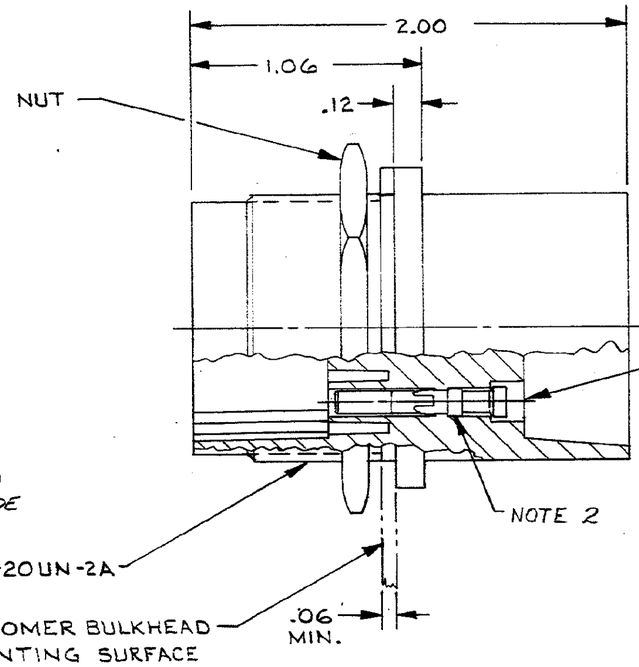
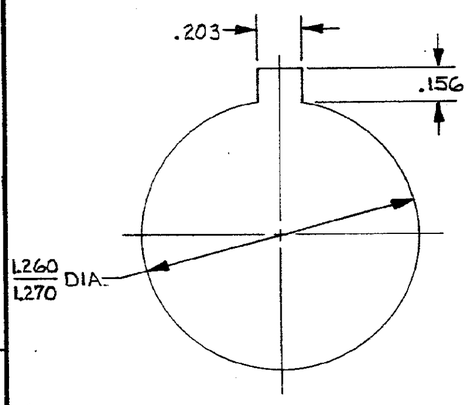
[redacted]

REVISIONS					
ZONE	LTR	DESCRIPTION		DATE	APPROVED
—	E	REDRAWN WITH REVISIONS	LEC	7-24-71	
	F	REV. NOTE 2 & POTTING MATERIAL		8-24-71	
	G	REV. NOTE 1 & POTTING MATERIAL	BAW	12-17-71	
	H	ADDED COLOR CODES & DELETED PORTION OF THD'S.	DS	4-27-72	
	J	REV. NOTES 1 & 2 ADDED NOTE 5 ADDED -2	DLW	8/1/74	
	K	ADDED -3	DS	2-27-76	
	L	ADDED -4, -5, -6	DS	6-30-77	
	M	REV. PER E.C.N. 8611	AG	1-31-79	
V	M1	ADDED -7 ECN 9738	RN	10/29/93	
	N	OBSOLETED -7 ECN S3615		11-5-86	RB
✓	P	OBS-3 ECN OF 0376	ZP	2-89	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)



RECOMMENDED PANEL CUTOUT

*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	5
OBS	859527-3	14	45098	YES	6
	859527-4	20,22,24	45099	NO	2
	859527-5	16,18	45098	NO	5
	859527-6	14	45098	NO	6
OBSOLETE	859527-7 *	16,18	45098	NO	5

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, 27 KVDC PIN TO PIN & 27 KVDC 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.

QTY REQD -2	QTY REQD -1	ITEM NO.	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SYMBOL
				PARTS LIST		

NEXT ASSY	FINAL ASSY	NEXT ASSY	USED ON
QTY REQD		APPLICATION	

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES
.00 = ±.04 ANGLES = 1°
.000 = ±.015

MATERIAL: MOLDED PLASTIC

FINISH: BLACK

CONTRACT NO.

DR M. GARDNER 2/11/71

CHK

APPD M. GARDNER 2/11/71

APPD

DSGN APPD

OTHER APPD

AMP INCORPORATED
CAPITRON DIVISION
ELIZABETHTOWN, PENNSYLVANIA

NAME
RECEPTACLE, FLANGED, H.V.
6 CONTACT
LGH

SIZE	CODE IDENT NO.	NUMBER
C	00779	859527

SCALE 4/1 WT SHEET 1/1

PRINTSET P 50 LOC 0F

UP-DATED

AMP 1471 REV 2/69

CUSTOMER DRAWING