~~RDE 2.7~~

EQUIP. TYPE ~~[illegible]~~ EQUIP. NO.

~~Con. 372 1079-08~~

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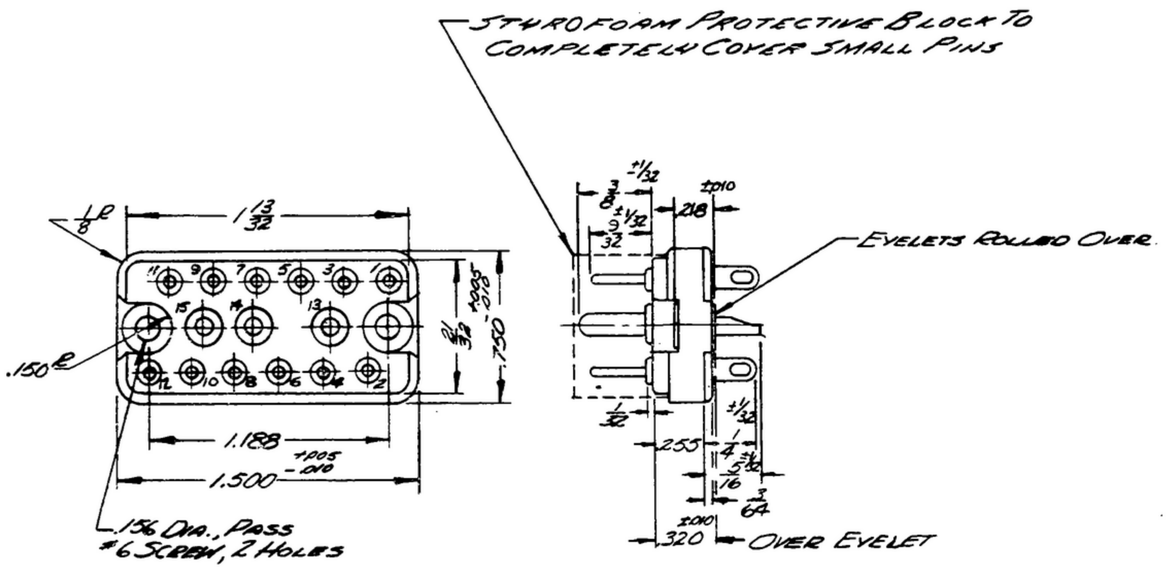
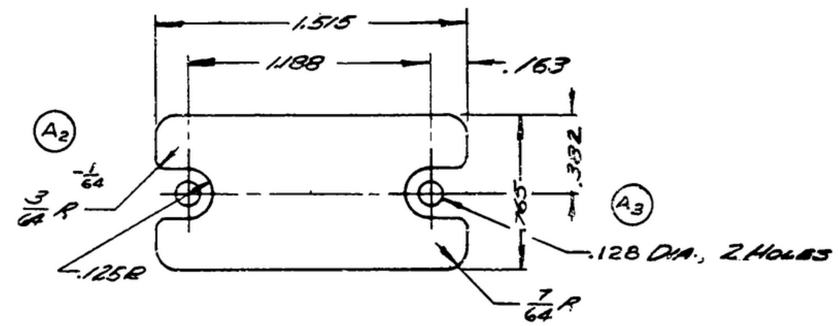
~~*FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS.~~

(C3)

~~*SWE APPROVAL~~
~~SYM FR10042-6~~

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A4	A1-ADDED NOTE 2; A2-ADDED TOL. A3-WAS .120 DIA. A4-WAS MIL-P-14.	15 OCT 59	42428-PC-59-A1-51 REV'D. PME
B	(1) "WITH GOLD FLASH" WAS "OR M 310 OVER M 351"	31 OCT 61	42428-PC-59 REV'D 1 PME
C3	(1) NOTE-1 REV; (2) DELETED M310 FROM CONTACT TAILS. (3) NOTE DELETED.	22 MAY 1963	ECR-F30523 JLC JM E.D.B.





SUGGESTED MOUNTING HOLE

(C1)

NOTES:

1. PART MAY BE #126-151-1001, AS SUPPLIED BY AMPHENOL CONNECTOR DIV., AMPHENOL-BORG ELECTRONICS CORP., CHICAGO, ILL., OR EQUAL, PROVIDING IT MEETS THE REQUIREMENTS AND DIMENSIONS SHOWN.

DESCRIPTION: 15 CONTACT PANEL OR CABLE MOUNTING MALE CONNECTOR.
VOLTAGE RATING: 500 VOLTS RMS MAXIMUM AT SEA LEVEL.
CURRENT RATING: 3 LARGE CONTACTS (.093 DIA) - 15 AMPERES
12 SMALL CONTACTS (.040 DIA) - 5 AMPERES
(A4) INSULATION: PHENOLIC TYPE MFE OR BETTER IN ACCORDANCE WITH MILITARY SPECIFICATION MIL-M-14.
TERMINALS: 3, .093 DIAMETER BRASS CONTACTS
12, .040 DIAMETER BRASS CONTACTS
TERMINAL PLATING: M351 PER MIL-F-14072 WITH GOLD FLASH. (B1)
EYELETS: BRASS, FINISH: M352 PER SPEC MIL-F-14072.
MARKINGS: TERMINAL NUMBER SHALL BE MOLDED ON FRONT AND REAR OF CASTING AS SHOWN, AND SHALL BE IN ACCORDANCE WITH SPEC MIL-M-13231.

(A1) 2. CONNECTOR SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-C-8384 EXCEPT WHERE AMENDED BY THIS SPECIFICATION.

MOUNTING DATA: LIQUID STAKING IS RECOMMENDED FOR MOUNTING SCREWS RATHER THAN LOCKWASHERS.
EYELET MAY BE OMITTED IF 0.320 AND 0.218 DIMENSIONS ARE MAINTAINED.
APPROXIMATE HOLE IN CONTACTS: SMALL CONTACTS - .062 X .125
LARGE CONTACTS - .085 X .125
(C2) PINS SHALL BE MOLDED INTO THE BODY OF THE CONNECTOR.
CONTACT TAILS: FINISH: M317 PER SPEC MIL-F-14072.

~~* WHEN PART NO. APPEARS AS 559-0295-008, MURPHY SOURCE INSPECTION IS REQ'D~~

~~COLLINS PART NO.~~	~~ITEM~~	~~NUMB~~	~~PART NO.~~	~~DESCRIPTION~~	~~MATL~~	~~MATL SPEC~~

LIST OF MATERIAL ~~COLLINS PART NO. 559-0295-008~~ *

~~COLLINS NO.~~	~~QTY~~	NEXT ASSY	USED ON
		SM-D-143367	
		SM-D-143420	
		SM-D-143533	SC-CL-143280
~~538-0340-004~~	1	SM-D-343665	SC-DL-248773

APPLICATION

DRAWN RDE
CHECKED [illegible]
APPROVED

UNLESS OTHERWISE SPECIFIED:
DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.005
FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±1/64
MACHINED ANGLES MAY VARY ±.1°
SHEARED ANGLES MAY VARY ±.25°
BROKEN ANGLES MAY VARY ±1.°
ECCENTRICITY BETWEEN ANY DIAMETERS ON THE SAME CENTERLINE SHALL NOT EXCEED .010 TOTAL INDICATOR READING.
ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES.

~~COLLINS RADIO CO. CEDAR RAPIDS, IOWA~~
14214-PH-51-93
SIGNAL CORPS
REVIEWED PME
APPROVED HLY PME
DATE 2 JAN 57
SCALE 2/1

CONNECTOR-PLUG

DEPARTMENT OF THE ARMY
SIGNAL CORPS ENGINEERING LABORATORIES
FORT MONMOUTH NEW JERSEY

SM-C-283194

PD-794—074-2071-11—A4706—298507

WHEN REFERRING TO THIS DRAWING STATE DRAWING NO., APPLICABLE ISSUE SYMBOL, IF ANY, AND DATE