B

RL-117

TMC NO.	DOW-KEY NO	TYPE	FOR ASS'Y SEE
RL-117-1	DKC	COAXIAL RELAY WITH STD. CONNECTORS AND WITHOUT SPDT SWITCH.	
-2	DKC-E	COAXIAL RELAY WITH STD. CONNECTORS AND WITH EXTERNAL SPDT SWITCH	
-3	DKC-G	COAXIAL RELAY WITH RECEIVER OPENING & GROUNDING CONNECTOR AND WITHOUT EXTERNAL SWITCH	
-4	DKC-GE	COAXIAL RELAY WITH BOTH EXTERNAL SPDT SWITCH AND OPENING & GROUNDING CONNECTOR	A-1567
-5	DKC-GEE	COAXIAL RELAY WITH BOTH EXTERNAL DPDT SWITCH AND OPENING & GROUNDING CONNECTOR	

COIL VOLTAGES AVAILABLE

AC 6, 12, 24, 110 AND 220

DC 6, 12, 24, 48 AND 110

TECHNICAL SPECIFICATIONS

CONTACT PRESSURE IN TRANSMIT POS.- 60 GRAMS MIN. DEENERGIZED OR RECEIVER POSITION - 40 GRAMS MIN..

TESTS CONDUCTED TO DETERMINE AMPLITUDE OF 60 PLUS 120 CPS MODULATION OF CARRIER USING WAVE ANALYZER, INDICATED ZERO MODULATION OF CARRIER THROUGH AC MAGNET HUM.

V.S.W.R. AT 150 MC 1.1 AND 1.2 AT 300 MC.

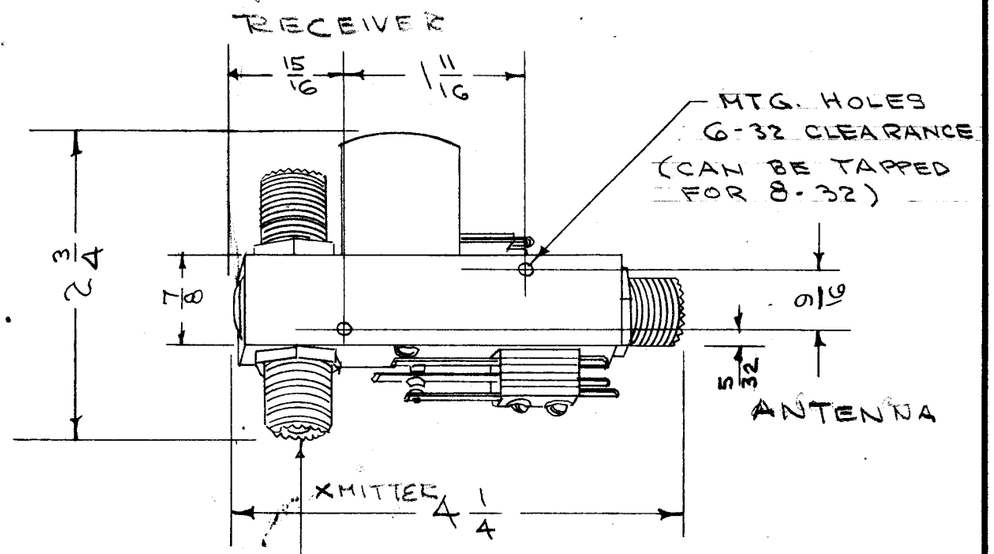
50,000 MEGOHMS - MIN. INSULATION RESISTANCE. BREAKDOWN VOLTAGE IN EXCESS OF 1000 VOLTS RMS.

OPER. TEMP. AFTER 1 HOUR 33.3° C AT RATED VOLTAGE., 38.15° C AFTER 3 HOURS CONTINUOUS OPERATION.

POWER CONSUMPTION - AC MODELS APPROX. 4 WATTS — DC MODELS APPROX 3 WATTS.

CONTACTS - COIN SILVER.

BODY COLOR - BLUE GRAY WRINKLE.



TYPE DESIGNATION TO BE IN FOLLOWING FORM

RL-117-1 - 110DC

TMC NO — VOLTAGE

REF: DOW-KEY CO., INC.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	RL-117-5 ADDED	2-8-60	1845	MF	HA	
A	1	Part Nomenclature Clarified	9/3/58	1	HA		

TOLERANCES

DEC. DIM. ±

FRAC. DIM. ±

ANGULAR DIM. ±

SCALE:

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
				3-7-56

USED ON

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC. | FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

RELAY, COAXIAL

DRAWN	CHECKED	FINAL APPROVAL
CDD 3/11/56		A. J. T.

ELEC. DES. APP.	MECH. DES. APP.		
		RL-117	B