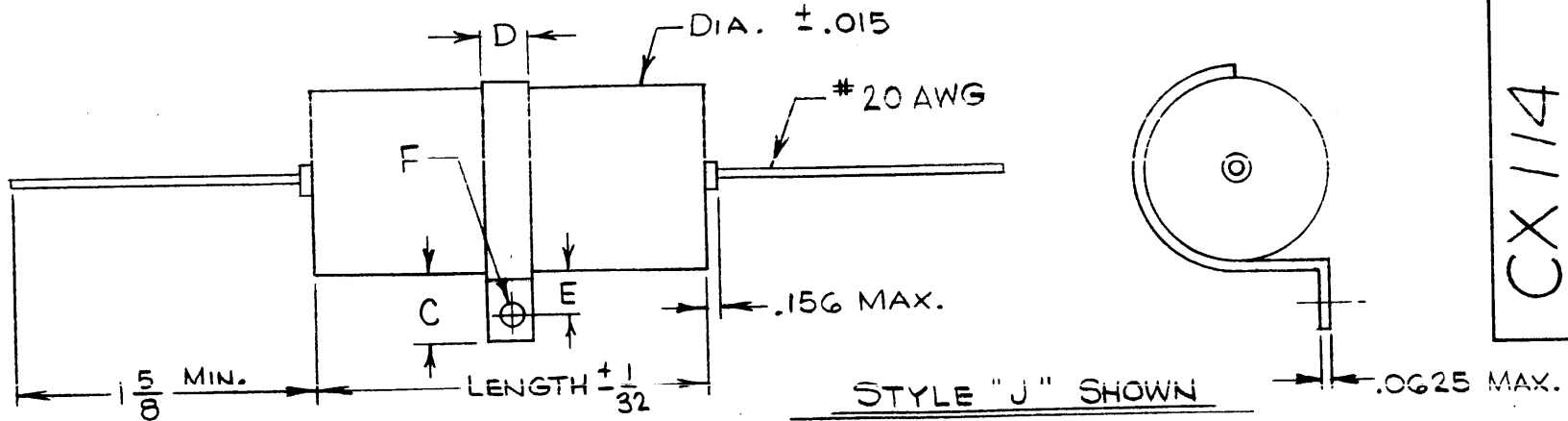


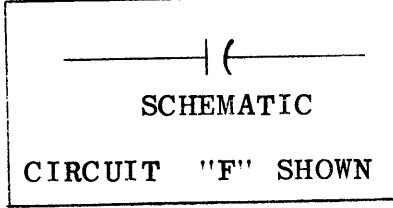
STANDARD DRAWING



CX114

CAPACITANCE MFD	SYM.	100VDC-SYM"B"	
		DIA.	LENGTH
1.0	105	.400	15/16
1.5	155	.500	15/16
2.0	205	.562	15/16
3.0	305	.562	1 1/8
4.0	405	.670	1 1/8
5.0	505	.670	1 3/8
6.0	605	.670	1 7/8
8.0	805	.670	1 7/8
10	106	.750	1 7/8
12	126	.750	2 1/8
14	146	.750	2 1/8
16	166	1.00	2 1/8
20	206	1.00	2 1/8
24	246	1.00	2 1/8

BRACKET DIM. STYLE "J"				
CASE DIA.	C±1/16	D±1/16	E±1/32	F±.005
<0.562	5/16	1/4	3/16	.144
≥0.562	7/16	1/2	1/4	.156



REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
Ø	ORIGINAL RELEASE FOR PRODUCTION	6/30/65	Ø	DVV	

**SPECIFICATIONS**

CASE: HERMETICALLY SEALED, METALLIC, NON-MAGNETIC  
 OPERATING TEMP. RANGE: -55°C TO +125°C  
 CAPACITANCE: AT 25°C, AT OR REFERRED TO 60 CPS  
 DISSIPATION FACTOR: LESS THAN 1% AT 25°C AND 60 CPS  
 INSULATION RESISTANCE (MΩ-MFD MIN.):  
     AT 25°C - 50,000  
     AT 85°C - 500  
     AT 125°C - 10

TEST VOLTAGE: 200% RATED, FOR TWO MINUTES, AT 25 C  
 DERATING: -1VDC PER DEGREE C ABOVE 85°C  
 ACCELERATED LIFE: 140% RATED VOLTAGE AT 125°C -250 HRS.  
 TEMP. CYCLING: PER MIL-C-25  
 MOISTURE: PER MIL-C-25  
 VIBRATION: PER MIL-C-25  
 LEAD PULL: 5 LBS. AXIALLY- 1 MINUTE  
 LEADS: SOLID, TINNED COPPER  
 CAPACITANCE CHANGE (MAX.):  
     AT -55°C -8%  
     AT +85°C +5%  
     AT +125°C +18%

TMC PART NUMBER SHALL BE IN THE FOLLOWING FORM:

CX 114 / F / B / 246 / J / 10

BASIC PART NO.      VOLT.      CAPACITANCE      STYLE      TOLERANCE  
 CIRCUIT F=FLOATING      B=100VDC      (PFD) LAST           ±%  
 OF ZEROS.

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
<b>LIST OF MATERIAL</b>				
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH		TITLE CAPACITOR, FIXED, PLASTIC		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN H. AUSTIN	DATE 6-25-65	FINAL APPROVAL N. McKenney
		CHECKED JCB	DATE 6-28-65	DATE 6/30/65
		ELECT. DES. JC	DATE 6-29-65	CX 114
		MECH. DES.	DATE	Ø

QTY./UNIT	TSTE-10K	AZ105
SCALE	MODEL USED ON	ASS'Y. NO.
---	CODE C	5401-112 (68)

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NOTES