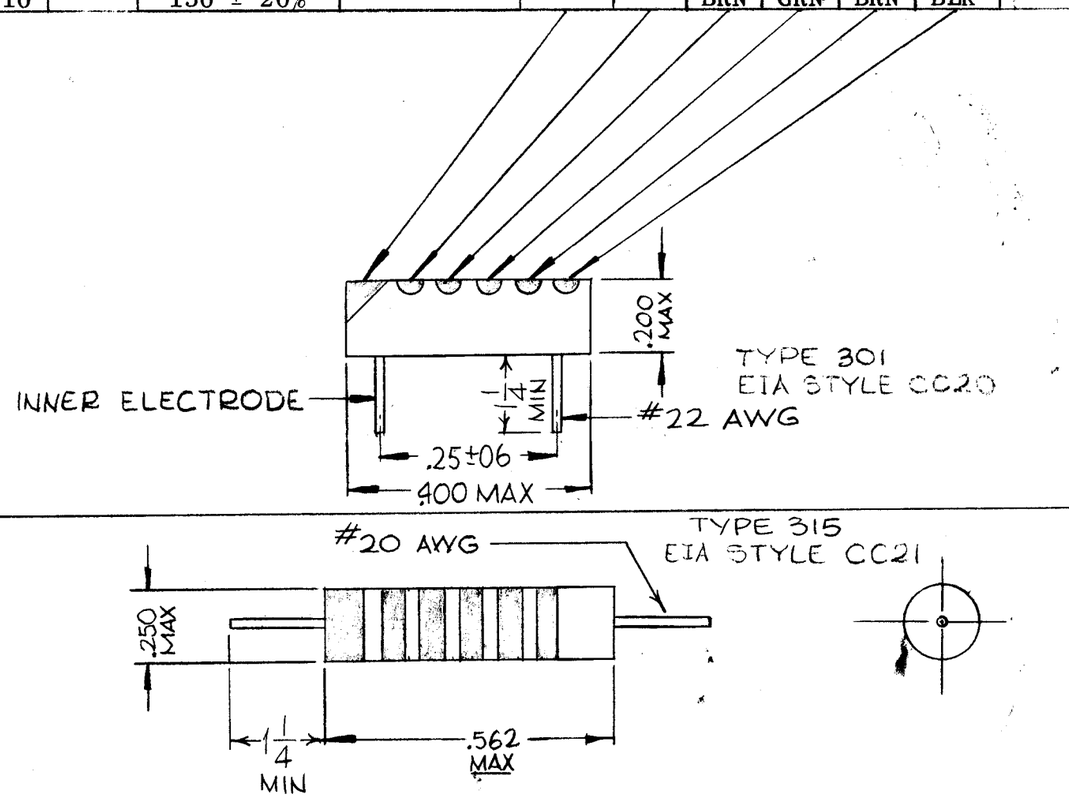
STANDARD DRAWING

TMC PART NO	MFG. TYPE	CAPACITANCE PFD	TEMP. COEF.	COLOR CODE (BANDS OR DOTS)						EIA CHAR.
CC101-1	315	2.5 ± 0.25	N750±120	VIO	—	RED	GRN	WHT	GRY	U2J
CC101-2	315	150 ± 10%	*	GOLD	GRN	BRN	GRN	BRN	WHT	X5U
CC101-3	315	220 ± 10%	*	GOLD	GRN	RED	RED	BRN	WHT	X5R
CC101-4	315	120 ± 10%	*	GOLD	GRN	BRN	RED	BRN	WHT	X5U
CC101-5	315	68 ± 10%	*	GOLD	GRN	BLU	GRY	BLK	WHT	X5R
CC101-6	315	1.0 ± 0.25	P100 ±30	RED	VIO	BRN	BLK	WHT	GRY	M7G
CC101-7	315	200 ± 20%	**	GOLD	GRY	RED	BLK	BRN	BLK	X5U
CC101-8	301	1.0 ± 0.5	N1500±250	ORN	ORN	BRN	BLK	WHT	GRN	P3K
CC101-9	301	2.2 ± 0.1	N1500±250	ORN	ORN	RED	RED	WHT	BRN	P3K
CC101-10		150 ± 20%				BRN	GRN	BRN	BLK	



NOTES

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
J	REVISED & REDRAWN	4-27-66	16138	LHW		
K	CC101 THIRD COLOR WAS YLW. EIA-2&-4 WAS X5R	7.21.66	16602	RME	JCB	MM

K

CC101

SPECIFICATIONS

RATED WORKING VOLTAGE: 500 VOLTS

CAPACITANCE: AT +25°C AND 1.0 Mc

INSULATION RESISTANCE: 7.5 GΩ MIN.

OPERATING TEMP. RANGE: -55°C TO +85°C

MAX. CAP. CHANGE OVER TEMP. RANGE: * ±15 %
** +22%, -56%

NOTE: ALL CAPACITORS SHALL BE IN ACCORDANCE WITH EIA SPEC RS-198 (ASA-C83.4)

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

LIST OF MATERIAL

Q'T'Y./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	S401-203

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

MATERIAL

FINISH

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS .X ± .05, .XX ± .01, .XXX ± .005
TOLERANCES
FRACTIONS ± 1/64
ANGLES ± 0° 30'

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: CAPACITOR, FIXED CERAMIC

DRAWN	DATE 4-27-66	FINAL APPROVAL	DATE 7/1/66
CHECKED JCB	DATE 5-3-66	CC101	K
ELECT. DES. JC	DATE 5/3/66		
MECH. DES.	DATE	SHEET	REV. LTR.