

CI 125 B

PROPERTIES	UNIT	H	**** Q-1
INITIAL PERM. AT 1 MC/ SEC.	-	850	125
*MAX. PERM.	-	4300	400
*SAT. FLUX DENSITY	GAUSS	3400	3300
*RESIDUAL MAG.	GAUSS	1470	1800
*COERCIVE FORCE	OERSTED	.18	2.1
TEMP. COEF. OF INITIAL PERM.	%/°C	.66	.10 MAX.
CURIE POINT	1/°C	150	350
VOL. RESISTIVITY	OHM-CM	MED.	HIGH
LOSS FACTOR: AT 1 MCS/SEC. AT 5 MCS/SEC.	$\frac{1}{UOQ}$	.00030 .00155	.000020 .000050
**COLOR CODE ***		GREEN	RED/BLUE

TMC NO.	CAT. NO.	A	B	C
CI 125-1		4	1	1/2
CI 125-2		3	.687	.687

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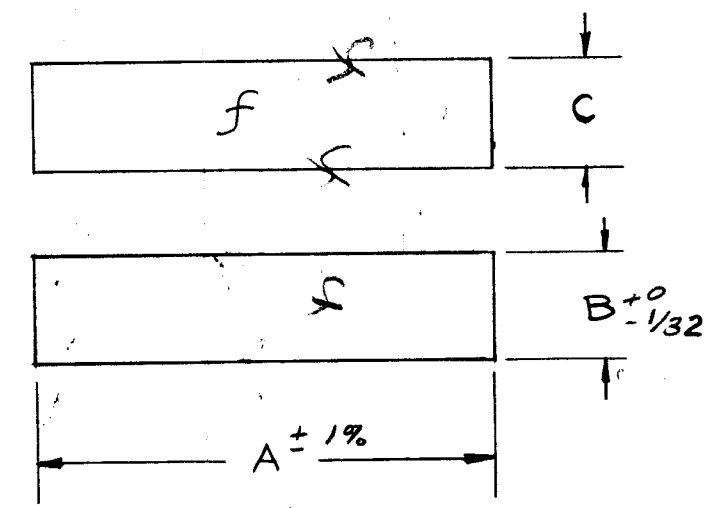
\*Measurements made on D.C. Ballistic Galvanometer with Hmax= 25 oersteds.  
Above data is based on nominal values.

\*\*In some instances, ferramic parts may be imprinted with body type designations which differ from the body designation indicated by the color code applied to the part. In such cases, this color code applied to the part will correctly identify the material the part is made of.

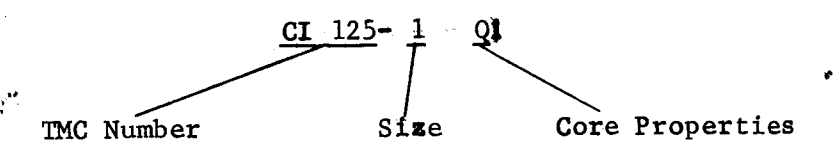
\*\*\*Color Code All Cored.

\*\*\*\*NOTE

If "Q" material is specified the overall dimension will be up to 5% larger than the dimension shown.



Type Designation To Be In Following Form



NOTE: Tol 1/64 unless otherwise shown.  
Two f surfaces to be perpendicular to sides of piece & free from any foreign material. When 2 pcs. are placed together, air gap between mating surfaces shall not be greater than .002.

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	REF. NOTE DELETED. 5401-213 ADDED. CI 125-2 ADDED TO TMC CAT. ± 1% ± 0-1/32 ADD	11/12/65	14970	H.V.	[Signature]	[Signature]
A	Q-1 COL. WAS Q, C, E, H-1, I, & Q COLS. DELE.	3-11-65	13667	RR.	[Signature]	[Signature]

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON  
FRACTIONS ± 1/64    DECIMALS ± .005    ANGLES ± 1/2°

SCALE: 5401-213

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

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
	TRC-5K			9-13-61
	USED ON			

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE	
		"I" CORE, TRANSFORMER	
		MATERIAL	
		ab	ab
		RB/EB	
		DRAWN	CHECKER
		aa	
		CI 125	
		FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.