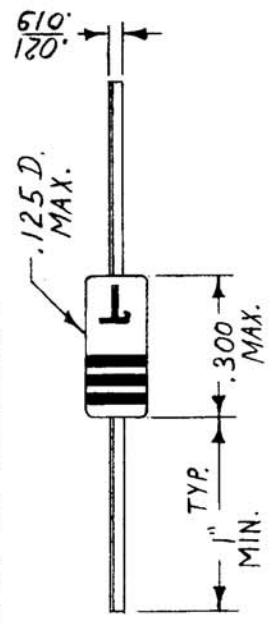


REQ. PER. UNIT	6	MODEL	CHG-1	USED ON ASSY. NO.		DATE	9-6-60
DD-102							

SPECIFICATIONS AT 25° C		MAXIMUM RATINGS AT 25° C						
TMC PART NO.	TRANSITRON TYPE	MAX. FORWARD VOLTAGE AT 10 MA.	MAX. INVERSE CURRENT AT SPECIFIED VOLTAGE	MAX. INVERSE VOLTAGE @ PULSE RECOVERY TIME (μsec)	MAX. AVERAGE FORWARD CURRENT MA	CONT. AVERAGE FORWARD CURRENT MA	PEAK RECURRENT FORWARD CURRENT MA	FORWARD SURGE CURRENT 1 SEC. MA
DD-102-1	S555G	0.5 V	10UA AT 6V	15	.006	30	40	200

① MEASURED AT 100 MICROAMPS.



ADDITIONAL SPECIFICATIONS
 AMBIENT TEMP. RANGE ~ 55 TO 75° C.
 AVG. POWER DISSIPATION ~ 50 MW.
 DERATING ABOVE 25° C ~ 10 MW/10° C.
 FAST SWITCHING TYPE.

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
TOLERANCES									THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
DEC. DIM. ± 1/64									DIODE, GERMANIUM	
FRAC. DIM. ± 1/64									GOLD BONDED	
ANGULAR DIM. ±										
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES										
SCALE: S401-75 (S555G)										
DRAWN: [Signature]										
CHECKED: [Signature]										
ELEC. DES. APP. MECH. DES. APP.										
FINISH & SPEC. NO.										
TYPE & TEMPER HEATTREAT. SPEC.										
MATERIAL										
STOCK SIZE										
DRAWN: [Signature]										
CHECKED: [Signature]										
FINAL APPROVAL										
DD-102										