

STANDARD DRAWING

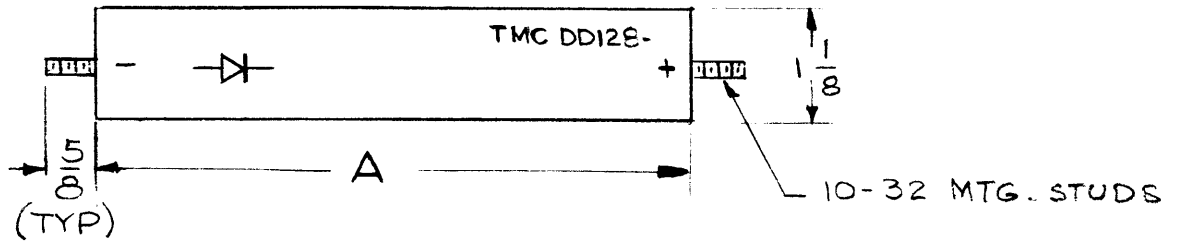
TMC PART NO	MFG. PART NO.	NO. OF DIODES	*A" DIM.	MAX. PEAK REV. WORK. VOLT	REVERSE AVALANCHE BREAK DOWN VOLTS		MAX. FULL LOAD REV. CURRENT, FULL CY. Avg. @ TA = 50°C	MAX. NON-REPET. REV. POWER (AVALANCHE CONDITION) SQUARE WAVE PULSE, 10μSEC DURATION	MAX. AVG. RECT. CURRENT @ TA = 50°C	MAX. FOWARD VOLT DROP @ I _{DC} = 4A TA = 25°C
					MIN.	MAX.				
DD128-1	TM1-84-X130	8	6 1/4	6400	7200	9600	2 MA.	40 KW	2.6 A	9.6 V
DD128-2	TM2-12K-X150	12	9 1/4	12000	13200	16800	2 MA.	60 KW	2.8 A	14.4 V
DD128-3	TM2-15K-X154	15	11 1/2	15000	16500	21000	2 MA.	75 KW	2.8 A	18.0 V
DD128-4	TM2-21K-X154	21	14 3/16	21000	23100	29400	2 MA	105 KW	2.8 A	25.2 V

DD128-B

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	8/27/65	Ø	REV.	
A	5/8 WAS 1/2	5.5.66	1621B	WAS	JCB
B	ADDED - 2, 3, 4, GPT10K(), BCT10KA ADDED	6-27-67	18324	L.A.K.	P.B.

SPECIFICATIONS

TYPE: AVALANCHE DIODE, SINGLE PHASE, HALF WAVE
 PEAK FORWARD SURGE OVERLOAD
 CURRET @ RATED LOAD, ONE
 CYCLE AVERAGE @ 60cps: 400 AMPS
 AMBIENT TEMPERATURE RANGE: -55°C TO +125°C
 COOLING: FREE AIR CONVECTION
 MARKING: TMC PART NUMBER 1/8 HIGH GOTHIC, DIODE SYMBOL AND
 POLORITY
 MFG. DIODE TYPE: PZ140H



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
MATERIAL			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH			TITLE RECTIFIER, SEMI CONDUCTOR DEVICE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			DRAWN G.D.L. DATE 8-25-65 CHECKED JCB DATE 8/27/65 ELECT. DES. DATE 8/27/65 MECH. DES. DATE	FINAL APPROVAL DATE 8/27/65 SHEET DD128 REV. LTR. B
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 TOLERANCES FRACTIONS ± 1/64 ANGLES ± 0° 30'				

	GPT10K()	
	BCT10KA	
	TSTA - 2.5K	
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE 1:2	CODE C	S401-404

NOTES

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