

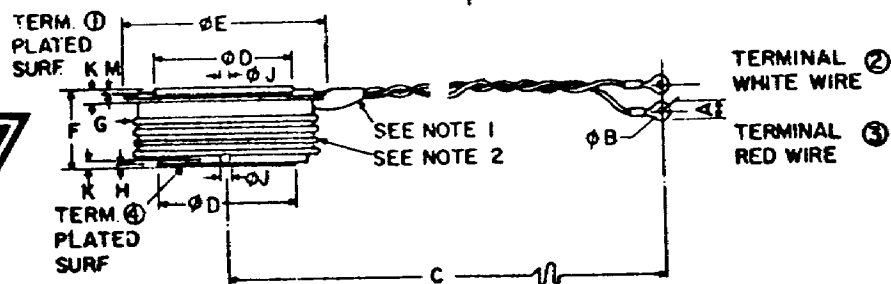
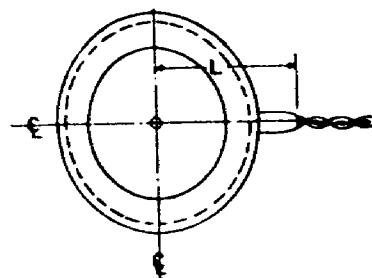
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C451PN

TRIODES.POWER,REVERSE-BLOCKING:SCRS

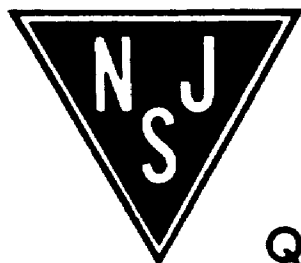
6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE		2 MAX.STATIC ON-STATE CURRENT		MAXIMUM GATE FIRING CHARACTER.		MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)		MAXIMUM ON-STATE VOLTAGE		TYPICAL SWITCHING TIME			WORST-CASE dv/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE
	VDRM (V)	IT (A)	IT (A)	θT (°C)	IGT (A)	VGT (V)		VT (V)	IT (A)	tgt (s)	IT (A)	tq (s)						
C451PN	1.8k	1.4k	70	150m	5.0	1.0	65m	125	1.7	3.0k†	5.0u	100	150u	400	21k	4C5	BT	



SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN	MAX	MIN	MAX	
A	0.200	0.240	5.08	6.10	1
φB	0.140		3.56		
C	16.000	20.000	406.40	508.00	
φD	1.700	1.900	43.18	48.26	
φE		2.960		75.18	
F	1.000	1.070	25.40	27.18	
G					2.
H	.005	.067	0.13	1.70	
φJ	0.136	0.146	3.45	3.71	
K	.070		1.78		
L		2.500		63.50	
M	.030		0.76		

NOTES:

1. Contour & orientation of terminal lugs is undefined.
2. Glazed ceramic insulator with 1in.(25.4mm.) min. surface creepage.



Quality Semi-Conductors