

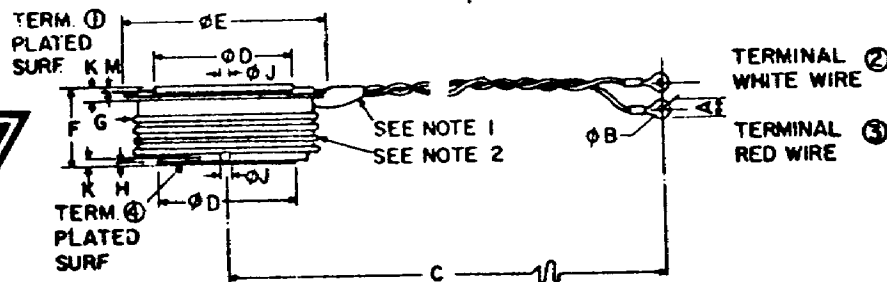
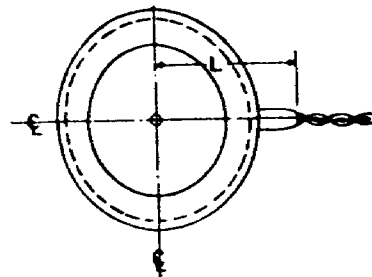
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C451PN

## TRIODES.POWER,REVERSE-BLOCKING:SCRS

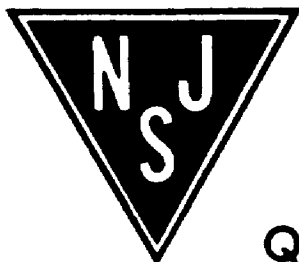
6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE	2 MAX.STATIC ON-STATE CURRENT		MAXIMUM GATE FIRING CHARACTER.		MAX. HOLD. CUR.	MAX.OFF-ST. CURRENT		MAXIMUM ON-STATE VOLTAGE		TYPICAL SWITCHING TIME		WORST- CASE	SURGE CUR- RENT	OPER. TEMP. RANGE	LEAD CODE	
	VDRM (V)	IT (A)	3 $\theta$ T ( $^{\circ}$ C)	4 IGT (A)	5 VGT (V)	IH (A)	IR $\theta$ VDRM OR ID $\theta$ VDRM $\theta$ T (A) ( $^{\circ}$ C)	VT (V)	$\theta$ IT (A)	tgt (s)	$\theta$ IT (A)	tq (s)	dv/dt (V/us)	ITSM (A)	- +		
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
$\phi$ B	0.140		3.56		
C	16.000	20.000	406.40	508.00	
$\phi$ D	1.700	1.900	43.18	48.26	
$\phi$ E		2.960		75.18	
F	1.000	1.070	25.40	27.18	
G					2.
H	.005	.067	0.13	1.70	
$\phi$ J	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