



VOLTAGE MULTIPLIERS INC.
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Visalia, CA 93291

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ORIGINAL RELEASE

DRN BY: *[Signature]*
Design Engineering: *[Signature]*
DATE: 10-19-17
Process Engineering: *[Signature]*
DATE: 10-19-17
DO NOT SCALE DRAWING SCALE: 2:1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ±.005

DWG. NO.

SMF150

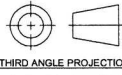
REV:

-

SHEET: 1

REVISION STATUS OF SHEETS

SHT	1	2					
REV	-	-					



THIRD ANGLE PROJECTION

ECO:

TITLE:

Molded Rectifier

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current tp=8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impd. θ (J-L)	Junction Cap. @ 50VDC @ 1kHz (C _j)
		55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	25°C	25°C
		Volts	mA	mA	µA	µA	Volts	mA	Amps	Amps	ns	°C/W
SMF150	15000	10	5	0.1	10	35.0	10	1.0	0.20	100	40	0.5

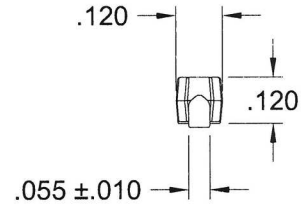
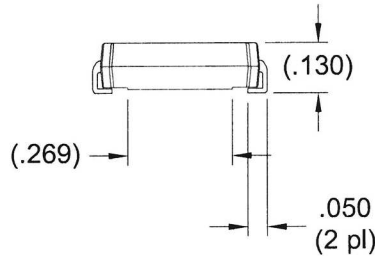
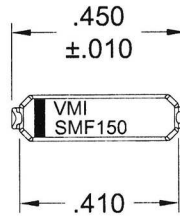
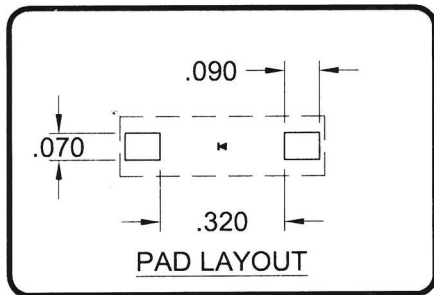
(1) TC=55°C (2) TC=100°C (3) If=12.5mA Ir=25.0mA Irr=6.3mA * Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C

DISTRIBUTED
10-19-17

PHYSICAL CHARACTERISTICS

MARKINGS:

- B VMI
- A SMF150
- N
- D



Dimensions: In. (mm) * All temperatures are ambient unless otherwise noted. * Data subject to change without notice.