

DESCRIPTION:

Plastic package has underwriters laboratory flammability classification 94V-0

For surface mounted applications in order to optimize board space

Glass passivated chip junction

Lead free in comply with EU RoHS 2011/65/EU directives

Super fast recovery time

MECHANICAL DATA

Case: JEDEC DO-214AB molded plastic

Terminals: Solder plated, solderable per J-STD-002

Polarity: Color band denotes cathode end

Weight: 0.26 gram

ABSOLUTE MAXIMUM RATING AND ELECTRICAL CHARACTERISTICS

(Rating at 25 °C ambient temperature unless otherwise specified.)

Parameter	Symbol	MUR440S	MUR460S	Unit
Maximum repetitive peak reverse voltage	V_{RRM}	400	600	V
Maximum RMS voltage	V_{RMS}	280	420	V
Maximum DC blocking voltage	V_{DC}	400	600	V

Maximum average forward current at

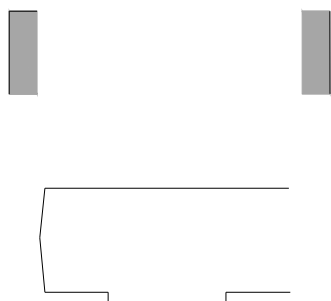
THERMAL RESISTANCES

Symbol	Parameter	MUR440S	MUR460S	Unit
R _{th(j-L)}	Junction to lead(note1)	15		/W

Note1 Thermal resistance from junction to lead mounted on P.C.B. with 8.0 mm x 8.0 mm copper pad areas.

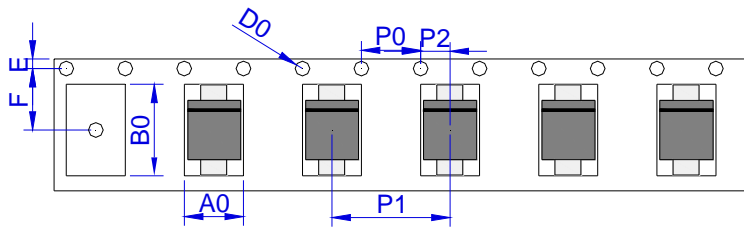
MARKING

PACKAGE MECHANICAL DATA



Ref.	Dimensions			
	Millimeters		Inches	
	Min.			
A	5.75			
B	6.90			
C	2.75			
D	0.95			
E	7.70			
F	0.051			
G	0.15			

TAPE AND REEL SPECIFICATION-SMC



MUR440S~MUR460S