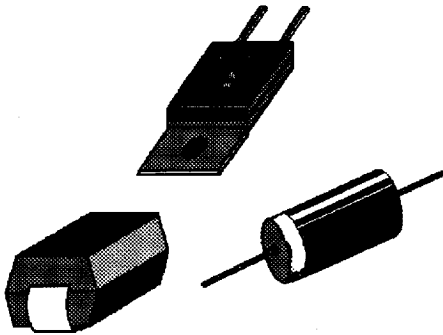


100 to 230 Volt "TransTector" (Bi-Directional Surge Protector)

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Description

TTB SERIES

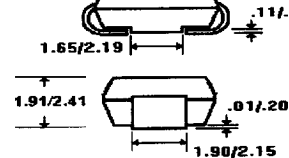
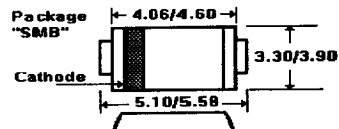
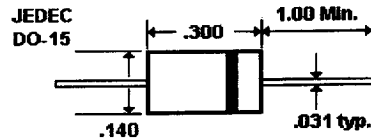
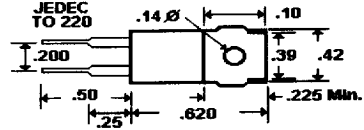


For Package Designation
Use suffix as described below

- TO220 Suffix = T
- DO15 Suffix = D
- SMB Suffix = S

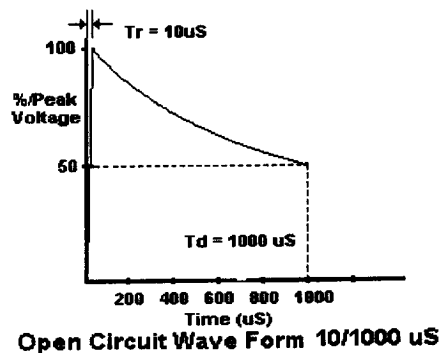
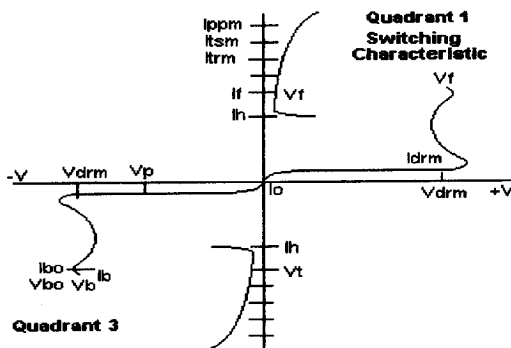
Example:- The TTB130 in SMD = TTB130S

Mechanical Dimensions



Features

- 50 AMP Surge Capability
- 100 mA Holding Current
- Low Capacitance
- High Ibo (Max. 200mA)
- Offered in TO220, DO15 & SMB Packaging



3719482 0000248 766

FCI Semiconductor Advanced Data Sheet TTB SERIES

100 to 230 Volt "TransTector" (Bi-Directional Surge Protector)

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Maximum Ratings & Electrical Characteristics @ 25 Deg. C.

Maximum Ratings

Maximum Continuous Off-State Voltage..... VDRM
 Maximum Peak Pulse Current....IPP
 Maximum Instantaneous Voltage...

Electrical Characteristics

Breakdown Voltage V(BR)..min.
 Breakover Voltage...V(BO)..max.
 Breakover Current...I(BO)..max.
 Holding Current.....I(H)..min.
 Repetitive Peak Off-State Voltage... VDRM..max.
 Pulse Current....IPP
 Off-State Capacitance.....Co
 Repetitive Peak On-State Current.... ITFM
 Repetitive Peak Off-State Current @ VDRM.....IDRM
 On-State Voltage at IT=2A

Operating Temperature Range T(Amb)
 Maximum Junction Operating Temperature Range (Tj)

TTB SERIES				
	TTB100	TTB150	TTB200	TTB235
Volts	100	150	200	235
Amps	100	100	100	100
Volts	180	235	285	345
Volts	130	180	230	270
Volts	180	235	285	345
mAmps	200	200	200	200
mAmps	130	130	130	130
Volts	100	150	200	235
Amps	50	50	50	50
pF	75	75	75	75
Amps	4	4	4	4
uAmps	4	4	4	4
Volts	3	3	3	3
Deg. C.	----- -25 to 80 -----			
Deg. C.	----- -25 to 125 -----			