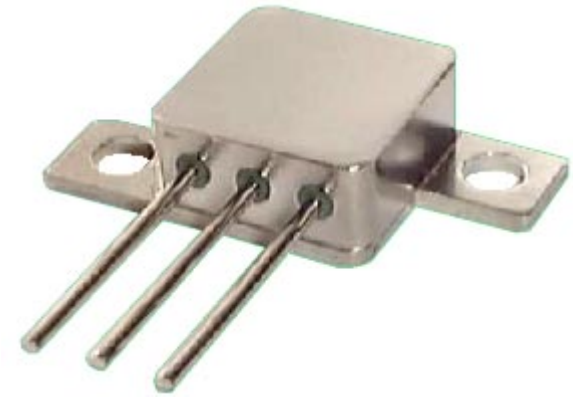
NEW PRODUCT RELEASE

SML800UF25D
SML800UF15D
SML500UF25D
SML500UF15D

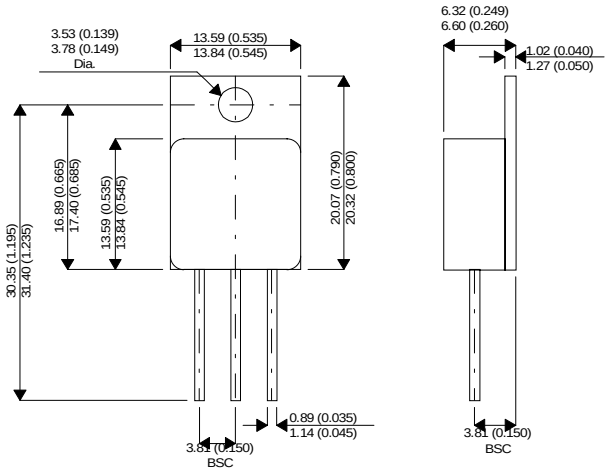
TO254 (Z-pack option shown)



ULTRA FAST RECOVERY TO254 HERMETIC DIODES FOR HIGH REL APPLICATIONS

- **High Voltage (800V)**
- **High Current (25A)**
- **Ultra Fast (45nS)**
- **Common Cathode**
- **TO254 Hermetic Package**
- **TO254 Z-pack option available**
- **Screening Options Available**

MECHANICAL DATA - TO254
Dimensions in mm (inches)
(Standard option)



The SML800 and SML500 dual diodes are specifically designed for high reliability applications requiring hermetic Ultra Fast Recovery diodes.

Devices are available in the standard TO254 package and also the Z-pack option (shown).

Contact the Semelab Sales Office for further information.

Part Number	PIV	I_O	V_F@I_O	I_R@PIV	I_R@PIV125°	t_{rr}	T_j(max)
SML800UF25D	800v	25A	1.3V	15µA	1mA	70nS	175°
SML800UF15D	800v	15A	1.3V	15µA	1mA	60nS	175°
SML500UF25D	500v	25A	1.2V	10µA	1mA	50nS	175°
SML500UF15D	500v	15A	1.2V	10µA	1mA	45nS	175°

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