

## SWITCHING DIODE

- METALLURGICALLY BONDED
- HERMETICALLY SEALED
- DOUBLE PLUG CONSTRUCTION

Qualified per MIL-PRF-19500/118

### DEVICES

## 1N5195UR

### QUALIFIED LEVELS

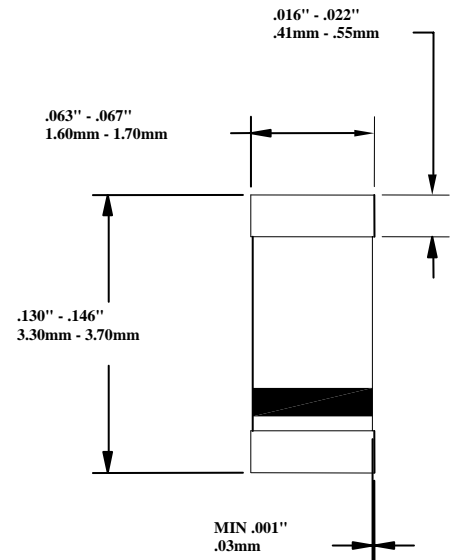
**JAN**  
**JANTX**  
**JANTXV**

### MAXIMUM RATING AT 25°C

Operating Temperature:	-65°C to +175°C
Storage Temperature:	-65°C to +175°C
Surge Current, sine, 8.3mS:	2A
Total Power Dissipation, 25°C:	500mW
Max. Operating Current, 25°C:	200mA
D.C. Reverse Voltage (VRWM):	180V

### DC ELECTRICAL CHARACTERISTICS

$V_F$				$I_R$			
Ambient (°C)	$I_F$ mA	Min V	Max V	Ambient (°C)	V (dc)	Min $\mu A$	Max $\mu A$
25	100	0.8	1.0	25	180	-	0.025
-55	100	-	1.2	25	200	-	1.0
				150	180	-	5.0



### DESIGN DATA

**Case:** Hermetically sealed glass package per MIL-PRF-19500/118 DO-213AA outline

**Lead Material:** Copper clad steel

**Lead Finish:** Tin / Lead

**Thermal Impedance ( $Z_{\theta JX}$ ):** 70°C/W maximum

**Polarity:** Cathode end is banded