

SMALL SIGNAL SCHOTTKY BARRIES SWITCHING DIODES

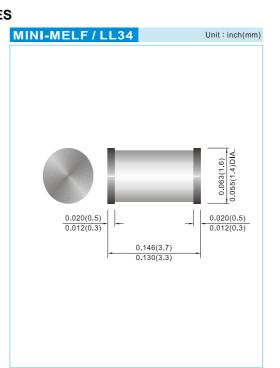
VOLTAGE 20 to 40 Volt CURRENT 0.35 Ampere

FEATURES

- Low Forward Voltage Drop
- Guard Ring Construction for Transient Protection
- Low Reverse Recovery Time
- Low Reverse Capacitance
- Lead free in compliance with EU RoHS 2011/65/EU directive

MECHANICAL DATA

- Case: Molded Glass MINI MELF
- Terminals: Solderable per MIL-STD-750, Method 2026
- Polarity: See Diagram Below
- Approx. Weight: 0.001 ounces, 0.03 grams



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (TJ = 25°C unless otherwise noted)

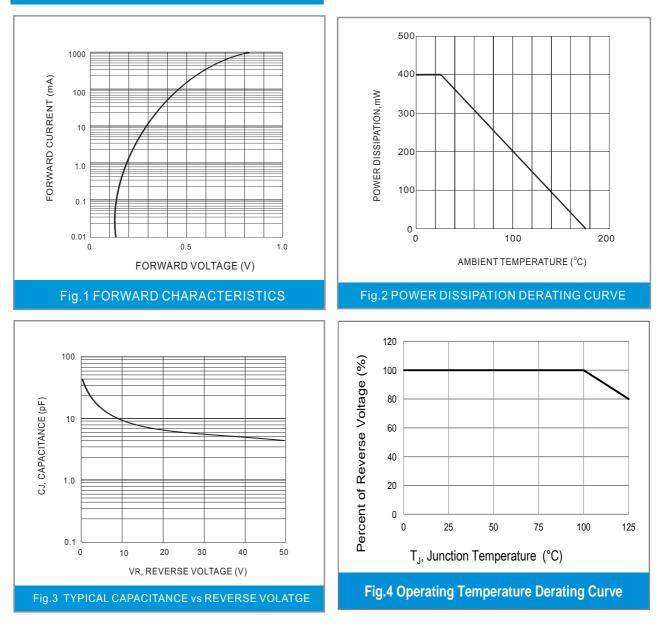
PARAMETER	SYMBOL	LLSD103A	LLSD103B	LLSD103C	UNITS
Peak Repetitive Reverse Voltage	V _{RRM}	40	30	20	v
RMS Reverse Voltage	V _{RMS}	28	21 14		v
Max. Average Rectified Current	I _{F(AV)}		mA		
Peak Forward Surge Current, t <u><</u> 0.3ms	I _{FSM}		A		
Power Dissipation Derate Above 25ºC	P _D		mW		
Maximum Forward Voltage, I _F = 20mA I _F = 200mA	V _F		V		
Maximum Reverse Current	I _R	5@30V	5@20V 5@10\		μA
Typical Junction Capacitance(Note 1)	C'		pF		
Typical Reverse Recovery (Note 2)	t _{rr}		ns		
Typical Thermal Resistance	R _{eja}		°C / W		
Storage Temperature Range	T _{stg}		°C		

NOTE: 1. CJ at VR=0, f=1MHZ

2. From IF=50mA to IR=200mA, RL=100 Ω

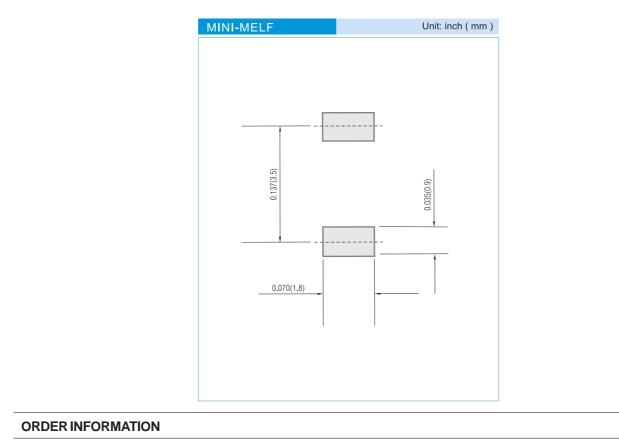


RATING AND CHARACTERISTIC CURVES



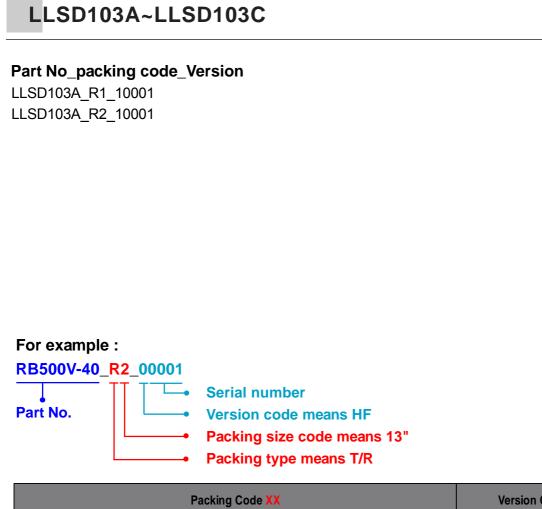


MOUNTING PAD LAYOUT



Packing information
T/R - 10K per 13" plastic Reel
T/R - 2.5K per 7" plastic Reel





Packing Code XX				Version Code XXXXX			
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 nd ~5 th Code	
Tape and Ammunition Box (T/B)	A	N/A	0	HF	0	serial number	
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number	
Bulk Packing (B/P)	В	13"	2				
Tube Packing (T/P)	т	26mm	X				
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y				
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U				
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D				



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