1N5711 THUR 1N6263 SMALL SIGNAL SCHOTTKY DIODES

FEAT URES

- · For ge neral purpose applications
- Metal-on-silicon junction Schottky bar rier device which is protected by a
 PN junction guard ring. The low forward voltage drop and fast switching
 make it ideal for protection of MOS devices, steering, biasing and
 coupling diodes for fast switching and low logic level applications
- These diodes are also available in the Mini-MELF case with type designation U.5711 and U.6263

MECHANICAL DATA

- · CGe DO-35 g la ss c a se
- · Pdarity: Color band de not es cat hode end
- Weight: Approx. 0.13 gram

Dimensions in inches and (millimeters)

ABSOLUT E RATINGS(LIMITING VALUES)

		Sym bo ls	Value	Units			
Peak Reverse Voltage	IN5711 IN6263	Vrrm Vrrm	60 70	V V			
Power Dissipation (infinite Heat Sink)		Ptot	40 0 ^D	mW			
Maximum Single cycle surge 10 μS square wave		IFSM	2.0	mW			
Junction Temperature		Ti	12 5	°C			
Storage Temperature Range		TstG	-55 to+150	°C			
1) Valid provided that leads at a distance of 4mm from case are kept at ambient temperature							

ELE CT RICAL CHARACTER IST ICS

(Ratings at 25°C am bient temperature unless otherwise specified)

	Symbols	Min.	Тур.	Мах.	Units
Re verse brea kover volta ge	Vr Vr	70 60			V V
Le akage current at VR= 50V	IR			20 0	nA
Forward voltage drop at I⊫ 1 m A I⊫ 15 m A	VF VF			0.41 1.0	V V
Junction Capacitance at VR=0V,f=1MHz	Cı			2.0	pF
Reverse Recovery time at IF=RI = 5 m A, recover to 0.1 IR	trr			1	ns
The rm a l re sista nc e	R JA			0.3	K/m W









