

FM723-NS

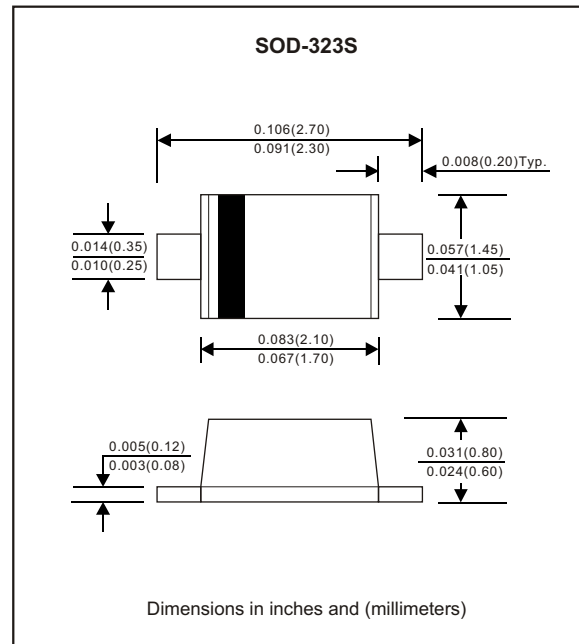
Surface mount small signal type

Features

- Extremely thin package
- Low stored charge
- Majority carrier conduction

Mechanical data

- Case : Molded plastic, SOD-323-S
- Terminals : Solder plated, solderable per MIL_STD_750, Method 2026
- Polarity : Indicated by cathode band
- Mounting Position : Any
- Weight : 0.0001482 ounce, 0.0042 gram



Marking Code : 4

MAXIMUM RATINGS (AT T_A=25°C unless otherwise noted)

PARAMETER	CONDITIONS	Symbol	MIN.	TYP.	MAX.	UNIT
Repetitive peak reverse voltage		V _{RM}			30	V
Mean rectifying current		I _O			200	mA
Forward surge current	8.3ms single half sine-wave superimposed on rate load (JEDEC method)	I _{FSM}			1500	mA
Capacitance between terminals	f=1MHz and applied 10VDC reverse voltage	C _T		20		pF
Storage temperature		T _J	-40		+125	°C
Operating temperature		T _{STG}	-40		+125	°C

ELECTRICAL CHARACTERISTICS (AT T_A=25°C unless otherwise noted)

PARAMETER	CONDITIONS	Symbol	MIN.	TYP.	MAX.	UNIT
Forward voltage	I _F = 200 mADC	V _F			0.60	V
Reverse current	V _R = 30 V	I _R			15	uA

RATING AND CHARACTERISTIC CURVES (FM723-NS)

Fig. 1 Forward characteristics

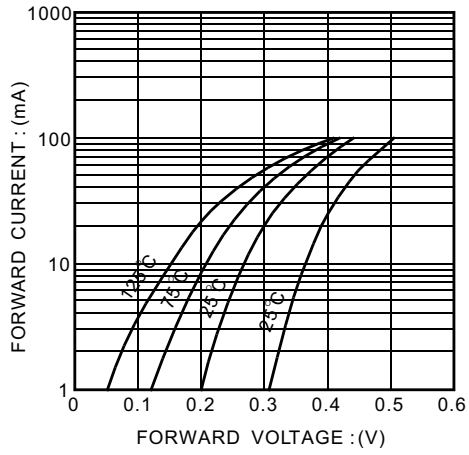


Fig. 2 Reverse characteristics

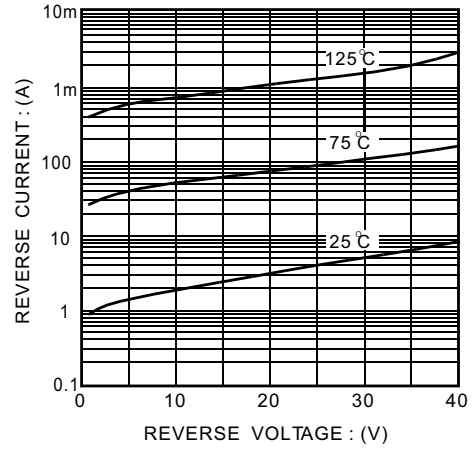


FIG.3-TYPICAL TERMINALS CAPACITANCE

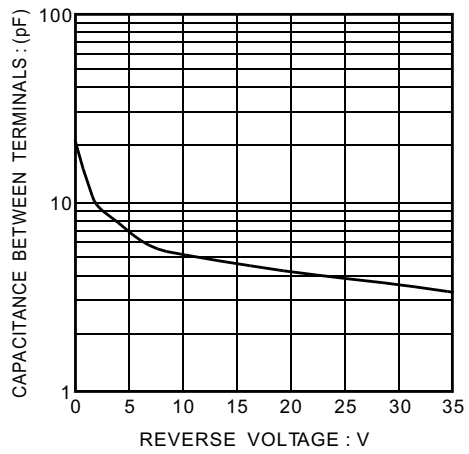


Fig. 4 Derating curve
(mounting on glass epoxy PCBs)

