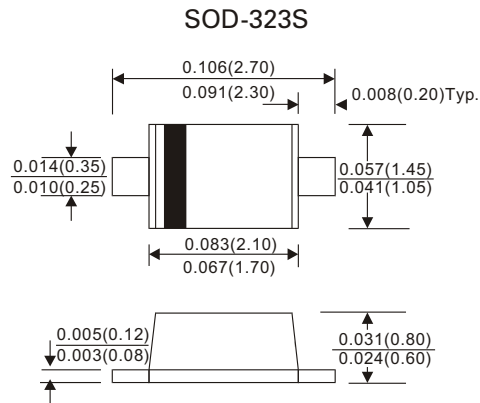


PFM723-NS

SURFACE MOUNT SMALL SIGNAL TYPE



FEATURES

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

MECHANICAL DATA

Case : JEDEC SOD-323S molded plastic
 Terminals : Solder plated, solderable per MIL-STD-750, Method 2026
 Polarity : Indicated by cathode band
 Mounting Position : Any
 Weight : 0.0001482 ounce, 0.0042gram

MAXIMUM RATING (at $T_A=25^\circ\text{C}$ unless otherwise noted)

PARAMETER	CONDITIONS	SYMBOL	Min.	Typ.	Max.	UNITS
Rectified peak reverse voltage		V_{RM}			30	V
Mean rectified current		I_o			200	mA
Forward surge current	8.3ms Single Half Sine-Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}			1500	mA
Capacitance between terminals	F = 1MHz and applied 4vDC reverse voltage	C_T		20		pF
Storage temperature		T_J	-40		+125	$^\circ\text{C}$
Operating temperature		T_{STG}	-40		+125	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS (at $T_A=25^\circ\text{C}$ unless otherwise noted)

PARAMETER	CONDITIONS	SYMBOL	Min.	Typ.	Max.	UNITS
Forward voltage	$I_F = 200\text{mA DC}$	V_F			0.6	V
Reverse current	$V_R = 30\text{V}$	I_R			15	μA

PFM723-NS

SURFACE MOUNT SMALL SIGNAL TYPE

RATING AND CHARACTERISTICS CURVES PFM723-NS

Fig. 1 Forward characteristics

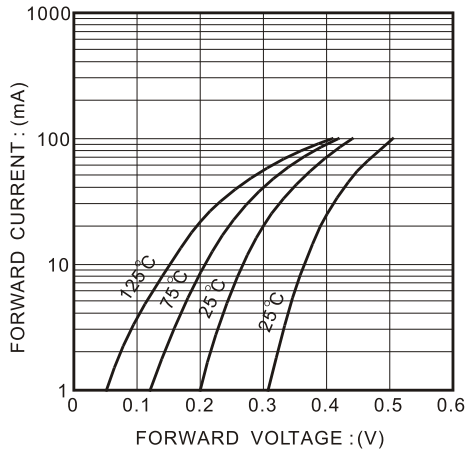


Fig. 2 Reverse characteristics

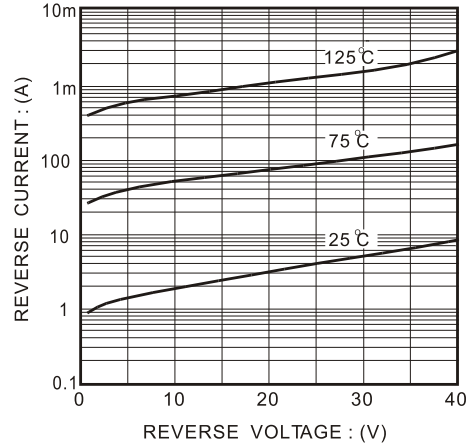


FIG.3-TYPICAL TERMINALS CAPACITANCE

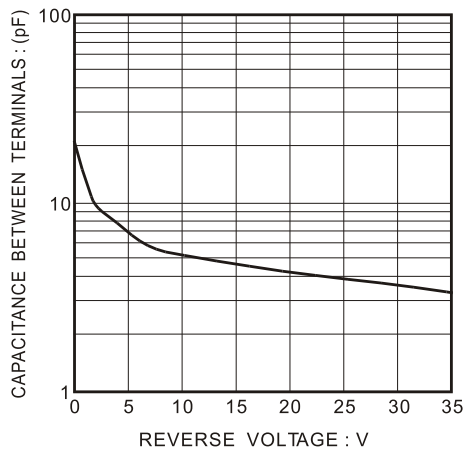


Fig. 4 Derating curve
(mounting on glass epoxy PCBs)

