

1SR154 SERIES

● FEATURES

- 1) This product is mini mold shaped for high density surface-mounting and is supplied in taping for automatic mounting.
- 2) Excellent humidity resistance due to the special protective coating covering the elements.
- 3) Both reflow and dip soldering are available.
- 4) Surface-mount type of 1SR35 and 1SR139 series.

● APPLICATION

Normal rectification

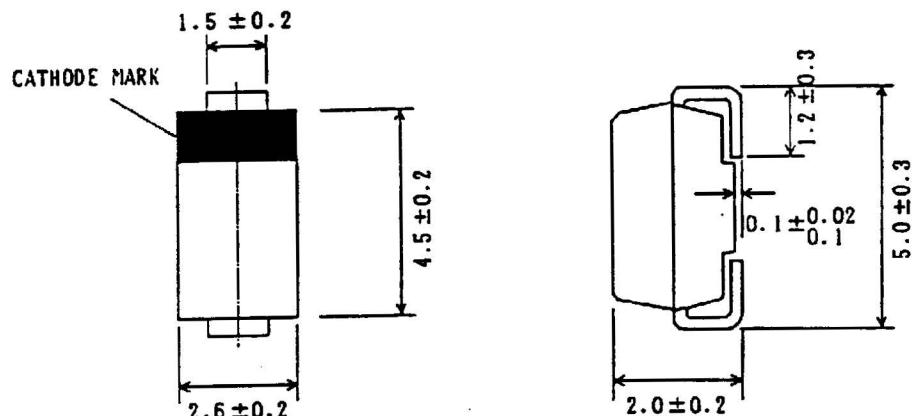
● ABSOLUTE MAXIMUM RATINGS ($T_a=25^\circ\text{C}$)

Type	Peak reverse voltage VRSM (V)	Reverse DC voltage VRM (V)	Average rectified current I _o (A)	Peak forward current I _{FSM} (A)	Junction temperature T _j (°C)	Storage temperature T _{stg} (°C)
1SR154-100	150	100	1.0	40	-40~+150	-40~+150
1SR154-200	250	200	1.0	40	-40~+150	-40~+150
1SR154-400	500	400	1.0	40	-40~+150	-40~+150

● ELECTRICAL CHARACTERISTICS ($T_a=25^\circ\text{C}$)

Type	Forward voltage		Reverse current	
	VF (V) max.	Cond. IF (A)	IR (μA) max.	Cond. VR (V)
			Cond. IF (A)	VR (V)
1SR154-100	1.1	1.0	10	100
1SR154-200	1.1	1.0	10	200
1SR154-400	1.1	1.0	10	400

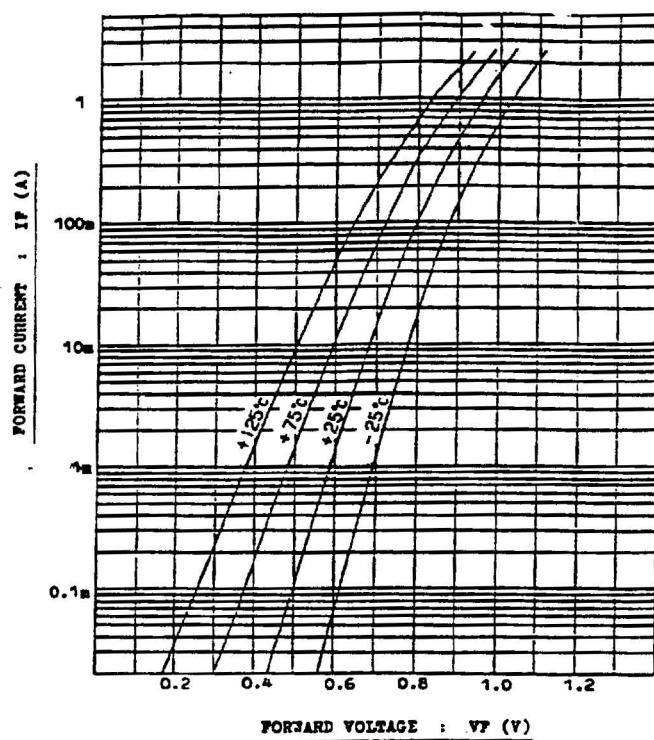
● DIMENSIONS (UNIT:mm)



PSM Package

7828999 0008922 458 RHM

VF-IP



1SR154 Series

VR-IR

