

ISR154 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 ISR35 and ISR139 series.

●APPLICATION

Normal rectification

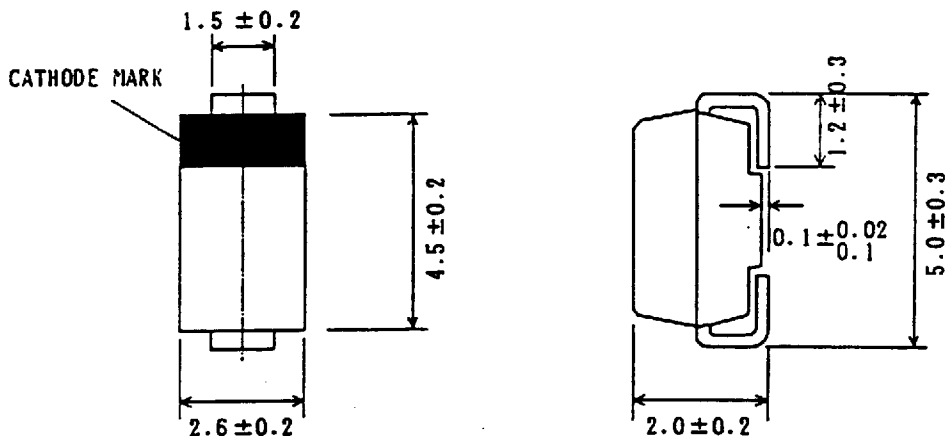
●ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Type	Peak reverse voltage VRSM(V)	Reverse DC voltage VRM(V)	Average rectified current Io(A)	Peak forward current IFSM(A)	Junction temperature Tj(°C)	Storage temperature Tstg(°C)
ISR154-100	150	100	1.0	40	-40~+150	-40~+150
ISR154-200	250	200	1.0	40	-40~+150	-40~+150
ISR154-400	500	400	1.0	40	-40~+150	-40~+150

●ELECTRICAL CHARACTERISTICS (Ta=25°C)

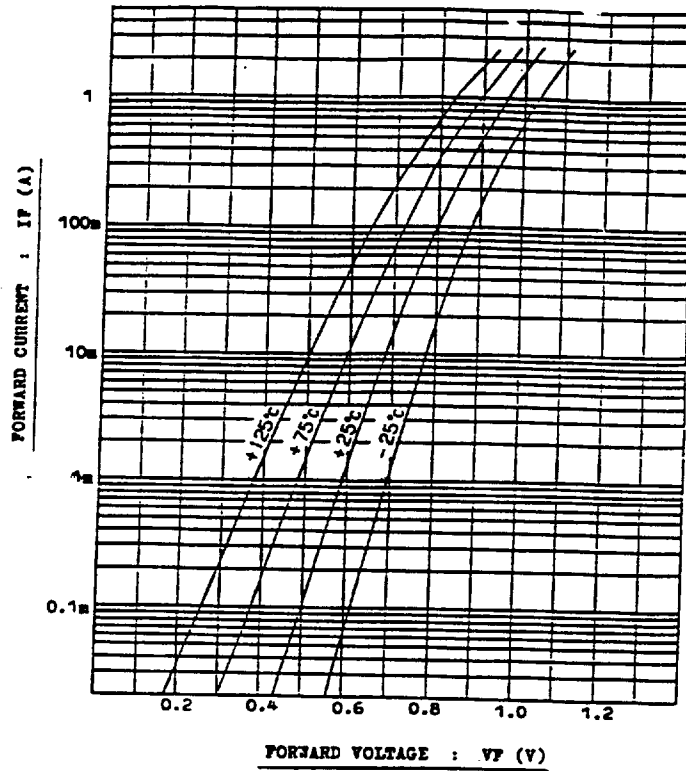
Type	Forward voltage		Reverse current	
	VF(V)	Cond.	IR(μA)	Cond.
	max.	IF(A)	max.	VR(V)
ISR154-100	1.1	1.0	10	100
ISR154-200	1.1	1.0	10	200
ISR154-400	1.1	1.0	10	400

●DIMENSIONS (UNIT:mm)



PSM Package

1SR154 Series



VR-IR

