OA90-R, 2-OA90, OA90A-R, 2-OA90A

Germanium Point Contact Type

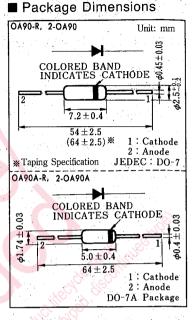
Video Detector FM-AM Detector

Features

- High η
- Matched pair available for FM detector 2-OA90, 2-OA90A

■ Absolute Maximum Ratings (Ta=25°C)

Symbol	Value	Unit
VR	15	t di la V
V _{RM}	22.5	V
IF	50	mA
I _{FM}	150	mA
I _{FSM} *	400	mA
T _{stg}	-55~+75	°C
	V _R V _{RM} I _F I _{FM} I _{FSM} *	V _R 15 V _{RM} 22.5 I _F 50 I _{FM} 150 I _{FSM} * 400

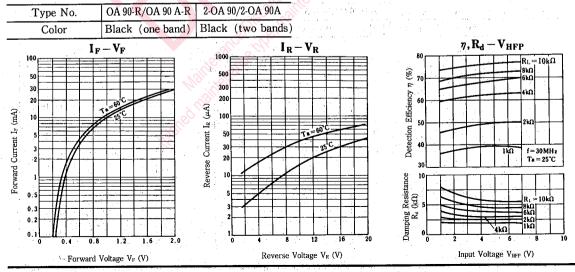


*t≦ls

Electrical Characteristics (Ta=25°C)

Item	Symbol	Condition	min.	typ.	max.	Unit
Forward Current (DC)	I _F	$V_{\rm F} = 1 V$	S ² → 4 →	10		mA
Reverse Current (DC)	$V_{R} = 10 V$		15	150	μA	
	V _R =22.5 V		50	800	μA	
Detection Efficiency	η	$f=30 \text{ MHz}, R_{L}=3.9 \text{ k}\Omega$ $C_{L}=10 \text{ pF}, V_{i}=2 \text{ Vrms}$	50			%

Cathode Indications



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