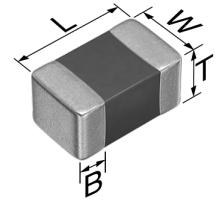


贴片压敏电阻/陶瓷瞬时电压抑制器

AVRH10C101KT4R7FA8

RoHS Reach Halogen Free Pb Free

用途	车载等级
用途详细	100BASE-T1 100BASE-T1
特点	$\geq 15\text{kV ESD}$ ESD 15KV以上
	$\geq 25\text{kV ESD}$ ESD 25KV以上
	AEC-Q200 AEC-Q200
	150°C 150° C
系列	AVR
状态	量产体制
品牌	TDK



尺寸

长度(L)	1.00mm ±0.05mm
宽度(W)	0.50mm ±0.05mm
厚度 高低	0.50mm ±0.05mm
端子宽度(B)	0.10mm Min.
推荐焊盘布局(PA)	0.40mm ±0.10mm
推荐焊盘布局(PB)	0.40mm ±0.05mm
推荐焊盘布局(PC)	0.40mm +0.10, 0.00mm

电气特性

压敏电压 (Nom.) @ 1mA	100V
最大容许电路电压 [DC]	70V
电容 (Typ.)	4.7pF
最大钳位电压 [8/20 μs]	190V
最大浪涌电流 [8/20 μs]	1A
ESD钳位电压 [2kV]	80V<Vave
ESD钳位电压 [8kV]	80V<Vave
能量吸收	30mJ

其他

使用温度范围	-55~150° C
焊接方法	回流
AEC-Q200 (Environment)	YES
AEC-Q200 Electrical Transient Conduction (Pulse1)	
AEC-Q200 Electrical Transient Conduction (Pulse2a)	Pass on level I/II (12V system) of ISO-7637-2:2011
AEC-Q200 Electrical Transient Conduction (Pulse2b)	Pass on level I/II (12V system) of ISO-7637-2:2011
AEC-Q200 Electrical Transient Conduction (Pulse3a)	Pass on level I/II (12V system) of ISO-7637-2:2011
AEC-Q200 Electrical Transient Conduction (Pulse3b)	Pass on level I/II (12V system) of ISO-7637-2:2011
AEC-Q200 ESD	6[$\geq 25000\text{V (AD)}$]
包装形式	纸编带 (180mm卷筒)

包装个数	10000pcs
重量	0.0013g

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

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特性图表 (这是参考数据，并不保证产品的特性。)

Associated Images

