

Thick Film Chip Resistor ACTV Series

**Automotive
AEC-Q200**

RoHS Compliant
Halogen Free
REACH Compliant



Thick Film

Anti Sulfurated

Part Numbering

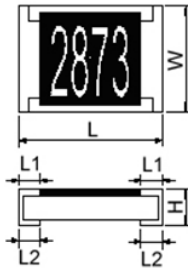
A	CTV	00	0805	-	1002	F	TP
Grade	Product Series	Control Code	Dimensions Code (inch)	Special Code	Nominal Resistance	Tolerance	Taping Code
			0805 2.0x1.25x0.5		4.7Ω 4R7X	D ±0.5%	TP (5000PCS) : 0805-1210
			1206 3.05x1.55x0.5		10.2Ω 10R2	F ±1%	TE (4000PCS) : 2010-2512
			1210 3.05x2.55x0.55		10KΩ 1002	J ±5%	
			2010 5.0x2.5x0.6				
			2512 6.3x3.2x0.6				

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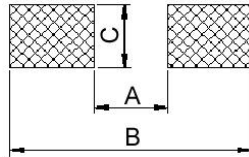
ACTS Type

■ Dimensions



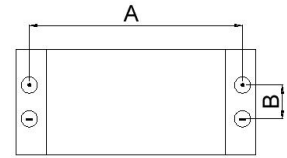
unit:mm

■ Recommended Land Pattern



unit:mm

■ Measurement Point



⊕ Current Terminal
⊖ Voltage Terminal

unit:mm

Type	Dimensions					Recommended Land Pattern			Measurement Point	
	L	W	H	L1	L2	A	B	C	A ±0.05	B ±0.05
ACTV000805	2.00±0.10	1.25±0.10	0.50±0.10	0.35±0.20	0.35±0.20	1.2	3	1.3	1.8	0.35
ACTV001206	3.05±0.10	1.55±0.10	0.50 ^{+0.1} _{-0.05}	0.45±0.20	0.35±0.20	2.2	4.2	1.6	2.9	0.35
ACTV001210	3.05±0.10	2.55±0.10	0.55±0.10	0.50±0.20	0.50±0.20	2.2	4.2	2.8	2.9	0.35
ACTV002012	5.00±0.20	2.50±0.20	0.55±0.10	0.60±0.20	0.60±0.20	3.5	6.1	2.8	4.5	1.15
ACTV002512	6.30±0.20	3.20±0.20	0.55±0.10	0.60±0.20	0.60±0.20	3.8	8	3.5	5.9	1.6

Electrical Characteristics Resistance Range:

Type	Rated Power at 70°C (W)	Working Voltage (V) Max.	Overload Voltage (V) Max.	T.C.R (ppm/°C)	Resistance Range (Ω)	
					±0.5%, ±1% E-96	±5% E-24
ACTV000805	1/8	400	800	±100	100 ≤ R ≤ 1M	100 ≤ R ≤ 1M
				±200	1M < R ≤ 10M	1M < R ≤ 10M
ACTV001206	1/4	500	1000	±100	100 ≤ R < 1M	100 ≤ R < 1M
				±200	1M < R ≤ 10M	1M < R ≤ 10M
ACTV001210	1/2	500	1000	±100	10 ≤ R ≤ 1M	10 ≤ R ≤ 1M
				±200	1 ≤ R < 10 1M < R ≤ 10M	1 ≤ R < 10 1M < R ≤ 10M
ACTV002010	3/4	500	1000	±100	10 ≤ R ≤ 1M	10 ≤ R ≤ 1M
				±200	-	1 ≤ R < 10 1M < R ≤ 10M
ACTV002512	1	500	1000	±100	10 ≤ R ≤ 1M	10 ≤ R ≤ 1M
				±200	-	1 ≤ R < 10 1M < R ≤ 10M
Operating Temperature Range				-55°C ~ +155°C		

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