

**Chip Resistor ACCR Series**

**Automotive  
AEC-Q200**

RoHS Compliant  
Halogen Free  
REACH Compliant



High  
Precision

Thick Film

Low  
Resistance

**Part Numbering**

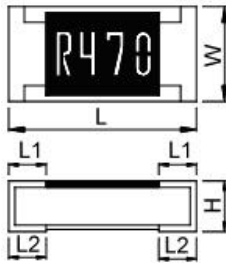
A	CCR	00	1206	-	R100	F	TP
Grade	Product Series	Control Code	Dimensions Code (inch)	Special Code	Nominal Resistance	Tolerance	Taping Code
			0603 1.6x0.8x0.45		0.1Ω R100	D ±0.5%	TP (5000PCS) : 0603-1210
			0805 2.0x1.25x0.5		10.2Ω 10R2	F ±1%	TE (4000PCS) : 2010-2512
			1206 3.05x1.55x0.5		10KΩ 1002		
			1210 3.05x2.55x0.55				
			2010 5.0x2.5x0.6				
			2512 6.3x3.2x0.6				

**Chip Resistor ACCR Series**

**Automotive  
AEC-Q200**

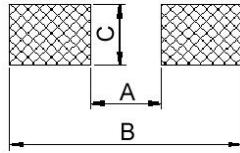
**ACCR Type**

**■ Dimensions**



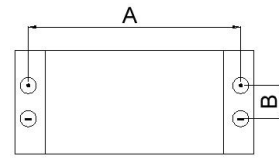
unit:mm

**■ 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
ACCR000603	1.60±0.10	0.80±0.10	0.45±0.10	0.25±0.15	0.35±0.15	0.8	2.1	0.9	1.35	0.35
ACCR000805	2.00±0.10	1.25±0.10	0.50±0.10	0.35±0.20	0.35±0.20	1.2	3.0	1.3	1.8	0.35
ACCR001206	3.05±0.10	1.55±0.10	0.50±0.10	0.45±0.20	0.65±0.25	2.2	4.2	1.6	2.9	0.35
ACCR001210	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
ACCR002010	5.00±0.20	2.50±0.20	0.60±0.10	0.65±0.20	0.65±0.20	3.5	6.1	2.8	4.5	1.15
ACCR002512	6.30±0.20	3.20±0.20	0.60±0.10	0.65±0.20	0.65±0.20	3.8	8.0	3.5	5.9	1.60

**Electrical Characteristics Resistance Range:**

Type	Rated Power at 70°C (W)	Rated Current (A) Max.	Overload Current (A) Max.	T.C.R (ppm/°C)	Resistance Range (mΩ)
					±0.5%, ±1% E-24、E-96
ACCR000603	1/10	1.00	2.50	±200	100 ≤ R < 1000
ACCR000805	1/8	1.11	2.79	±200	100 ≤ R < 1000
ACCR001206	1/3	1.82	4.56	±200	100 ≤ R < 1000
ACCR001210	1/2	2.23	5.59	±200	100 ≤ R < 1000
ACCR002010	3/4	2.73	6.84	±200	100 ≤ R < 1000
ACCR002512	1	3.16	7.90	±200	100 ≤ R < 1000
Operating Temperature Range				-55°C ~ +155°C	

## Legal disclaimer

CHILISIN, its distributors and agents (collectively, "CHILISIN"), hereby disclaims any and all liabilities for any errors, inaccuracies or incompleteness contained in any product related information, including but not limited to product specifications, datasheets, pictures and/or graphics. CHILISIN may make changes, modifications and/or improvements to product related information at any time and without notice.

CHILISIN makes no representation, warranty, and/or guarantee about the fitness of its products for any particular purpose or the continuing production of any of its products. To the maximum extent permitted by law, CHILISIN disclaims (i) any and all liability arising out of the application or use of any CHILISIN product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for a particular purpose, non-infringement and merchantability.

CHILISIN defined this product is for general electrical use , not design for any application for automotive electrical ,life-saving or life support equipment, or any application which may inflict casualties if CHILISIN product failure occurred. When consumer is using or selling products of CHILISIN without having discussion with the sales representatives and specifically stated the applicability mentioned above in a written form, then the client need to take a full responsibility and agree to protect CHILISIN from punishment and damage.

Information provided here is intended to indicate product specifications only. CHILISIN reserves all the rights for revising this content without further notification, as long as products are unchanged. Any product change will be announced by ECN.