

Application Reference



Notes: CQ series are standard AEC Q200 qualified chip resistor recommended to be used in non critical location of the automotive.
 AECQ 200 grade qualification is base on the operating temperature of the above chip resistor series.
 Above information are references subject to final approval of end customer.

	SERIES	AECQ-200 compliant	APPLICATION											
			Consumer Electronics	Automotive	Power Supply	Telecom	Computer Peripherals	Digital/ Smart Metering	Medical	Industrial	IoT	LED / Lighting	BMS	
Gen. Purpose	STD	✗	●		●	●	●	●	●			●	●	
Automotive	CQ	✓	●	●	●	●	●	●	●	●	●	●	●	●
Automotive High Power	HQ	✓	●	●	●	●	●	●	●	●	●	●	●	●
Anti Surge	AS	✓	●	●	●	●	●	●	●	●	●	●	●	●
High-Precision Anti-Surge	PS	✓	●	●	●	●	●	●	●	●	●	●	●	●
High Power	HP	✓	●	●	●	●	●	●	●	●	●	●	●	●
Ultra High Power	SP	✓	●	●	●	●	●	●	●	●	●	●	●	●
High Voltage	HV	✓	●	●	●	●	●	●	●	●	●	●	●	●
Low T.C.R	LT	✗	●		●	●	●	●				●	●	
Complete Pb-Free	PF	✗	●		●	●	●	●				●	●	
Wide Terminal	WR	✓	●	●	●	●	●	●		●	●	●	●	●
Anti-Electro Static Discharge	ES	✓	●		●		●							
Non-Magnetic	NM	✗	●		●	●	●							
Metal Foil	MS	✗	●			●	●	●				●	●	
Metal Film Low Resistance	TL	✗	●		●	●	●	●				●	●	
Metal Strip	LR	✓	●	●	●	●	●	●	●	●	●	●	●	●
Metal Alloy	ML	✗	●		●	●	●	●				●	●	
Current Sensing	CS	✓	●	●	●	●	●	●	●	●	●	●	●	●
Anti-Sulfurized Automotive	NQ	✓	●	●	●	●	●	●	●	●	●	●	●	●
High Quality Anti-Sulfurized	NS	✓	●	●	●	●	●	●	●	●	●	●	●	●
High-Precision Thin Film	TC	✗	●		●	●	●	●				●	●	
Chip Array	-	✗	●		●	●	●	●				●	●	
Chip Array Anti-Sulfurized	-	✓	●	●	●	●	●	●	●	●	●	●	●	●



IATF 16949
 ISO 14001

This document is a general reference only
 Any inquiry/technical support pls. send email to your contact sales.

Legal Disclaimer



The information provided in the catalog/data sheet /single pages/short form is for the purpose of describing product specifications only, and ROYALOHM and its affiliates (hereinafter collectively referred to as "ROYALOHM") hereby disclaim any liability for any errors, inaccuracies or incompleteness contained in any product-related information (including but not limited to product specifications, datasheets, pictures, graphics). ROYALOHM reserves the right to modify this content without prior notice. Thank you for your understanding.

ROYALOHM makes no representation, warranty, and guarantee as to the fitness of its products for any particular purpose or the continuing production of any ROYALOHM products.

To the maximum extent permitted by law, ROYALOHM disclaims

- I. any and all liability arising out of the application or use of any ROYALOHM 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.

ROYALOHM products are not intended for use in medical, life-saving, or life-sustaining equipment, nor are they intended for any other purpose where product failure or mismanagement could endanger life or cause harm to or death to the human body.

Customers use or sell ROYALOHM products for the above purposes at their own risk. If need products for such purposes, please be sure to consult with our company to obtain relevant information about the applicable products.

Regardless of the application of ROYALOHM products, it is recommended to carry out safety tests while using measures such as protective circuits and redundant circuits to protect the safety of equipment.



IATF 16949
ISO 14001

This document is a general reference only
Any inquiry/technical support pls. send
email to your contact sales.