

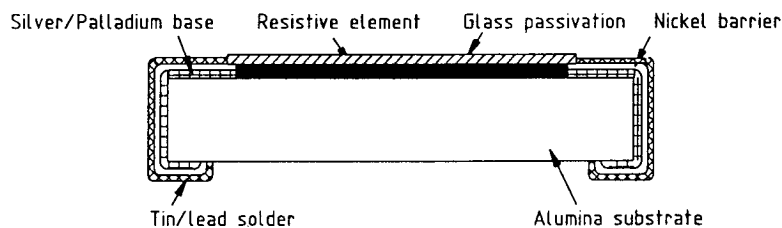


Series **CRG - ZRH**

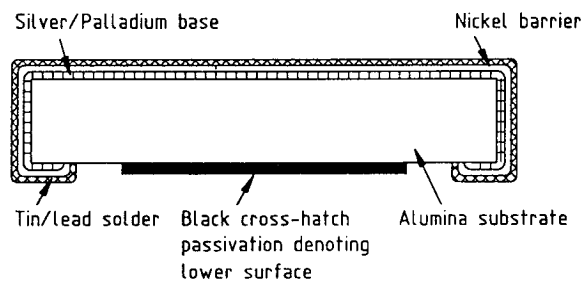
## LOW IMPEDANCE CHIP ZEROHM

This component is designed for use in flow solder applications. Reflow solder methods will not allow it to be used at its full capability.

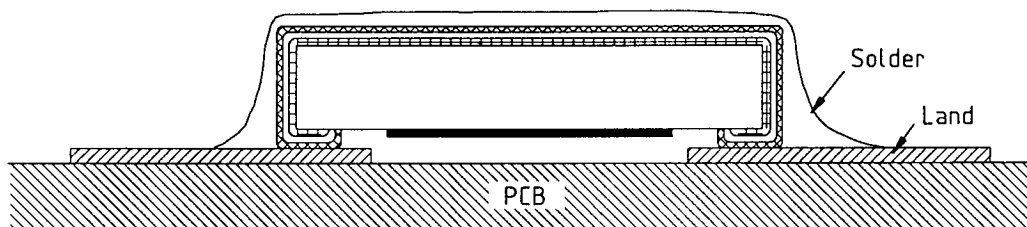
For outline and dimensional information see the CRG data sheet.



Standard chip Zerohm



Low impedance chip Zerohm



Low impedance chip Zerohm after flow soldering

## RATINGS

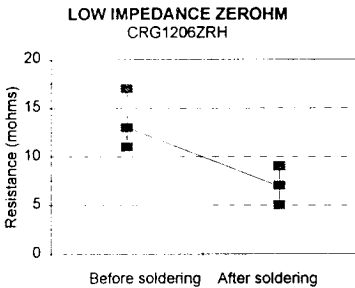
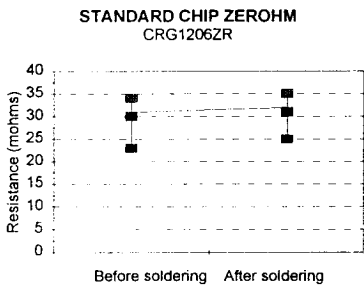
	CRG0603ZRH	CRG0805ZRH	CRG1206ZRH
Rated current @ 70 °C	1	1	2
Surge current Max (1 second)	5	5	10
Resistance Max	20mohms		
Operating temperature range	-55 to +125 ° C		

TECHNOLOGY AND SUGGESTED APPLICATIONS

Standard zerohm chip resistors comprise a silver/palladium plating, a low resistance thick film as the conductive element, protected by a glass passivation. The resistance of such components is in the order of 30 mohms. Neohm low impedance chip zerohms are manufactured using a silver/palladium base across the entire substrate. This is protected by a nickel barrier followed by a solder layer. The component is designed for use in flow soldering applications when an additional layer of solder is added. The result is a jumper with high

current/high voltage handling capabilities and an impedance which is considerably less than that of conventional chip zerohms. When used in reflow applications, the impedance is still less than half that of other zerohms. The open surface of the component also makes an ideal circuit test probe point. No special mounting methods are required for this component. Suggested uses include all low impedance jumper applications, circuit test points etc..

EFFECT OF SOLDERING



MOUNTING

The resistors are suitable for processing on automatic insertion equipment

MARKING

These components are unmarked except for a crosshatch pattern of overglaze which denotes the lower surface.

ORDERING INFORMATION

Orders for these components should include the following information:-

e.g. CRG0603 ZRH

STORAGE

Unopened reels should be stored within a temperature range of +5 °C to +25 °C. separated from any chemicals and solvent based materials. Non-adherence to this procedure could affect the solderability of this product.

PACKAGING

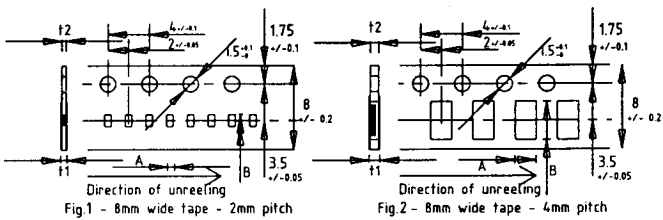
All chip resistors are supplied on reels. For details, see figures 1 to 3.

Also available in bulk cassettes.

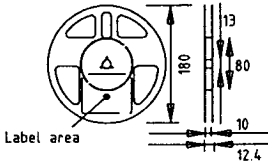
Tape variable dimensions

	0603	0805	1206
Tape width	8	8	8
A	1.15	1.65	2
tol	± 0.15	± 0.15	± 0.15
B	1.9	2.5	3.6
tol	± 0.2	± 0.2	± 0.2
t1	0.6	0.8	0.8
tol	± 0.1	± 0.1	± 0.1
t2 max	0.8	1	1
Reel qty.	5000	5000	5000

Larger reel sizes available on request.



All tape and reel dimensions are in accordance with IEC-286-3 (1991)



DS416/2

Croster Electronics Ltd. reserve the right to change specifications without notice.



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