

SOLDER WIRE

CRM G-0

CHARACTERISTICS

- Good wetting properties
- High reliability post-soldering
- No cleaning
- Easy soldering
- J-STD-004 (ROL0)

DESCRIPTION

CRM G-0 solder wires are free of halogens and its resin formulation base allows a good wetting in most surfaces used in the electronic and electromechanical assemblies.

Residues generate in the solder process are minimal, inert and do not require cleaning.

The classification of the flux is ROL0 in accordance with IPC-J-STD-004 regulation and the alloys are manufactured in accordance with the IPC- J-STD-006 regulation.

APPLICATION

The soldering wire **CRM G-0** with flux core, is suitable to use in all sort of applications for the electronic and industrial soldering according to the IPC J-STD-004 regulation requiring a no cleaning process.

This product is suitable for different soldering processes; handmade or robotic process, in electronic applications and surfaces oxidized.

Aware of all sides of the Materials Science that applies to the electronics and semiconductors markets, our technical engineers provide specialized advice in the soldering properties, the compatibility of the alloy and the selection of core solders.

TECHNICAL DATA

Phisycs	Common Values
Clasification	ROL0 according to IPC-J-STD-004
Halogens content	<0.05%
Rate of acidity	200 mg KOH/g

AVAILABILITY

Within our wide range of products, you can find the CRM soldering wire which suit your specific needs:

Standard alloys lead free	Melting point °C	% Flux Standard
Fuji Sn100 CRM	227	2% ± 0,3%
Fuji Sn100e CRM	227	
99,3Sn/0,7Cu	227	
99Sn/0.3Ag/0.7Cu	217-227	
96,5Sn/3Ag/0,5Cu	217-220	
96,5Sn/3,5Ag	221	
95,5Sn/3,8Ag/0,7Cu	217-226	

* For other alloys and % flux, please contact us.

Standard alloys with lead	Melting point °C	% Flux Standard
63Sn/37Pb	183	1% + 0,3%
60Sn/40Pb	183-190	

* For other alloys and % flux, please contact us.

Standard diameter	0.5mm / 0.7mm / 1mm / 1.5mm / 2mm / 3mm
Standard bobbin	0.1kg / 0.25kg / 0.5kg / 1kg / 2.5kg / 4kg / 5kg

* For other diameters and size of reel, please contact us.

RECOMMENDATIONS FOR USE

- Keep the soldering tip at an angle of 45 ° -60° above the work surface.
- Use the size and shape of the soldering tip suitable for adapting to the operation: the small tips for soldering of large-sized parts allow to prevent the generation of joints or delay the process.
- Choose a soldering diameter wire according to the tip of the soldering pieces.
- Do not overheat; this causes an increase in the depth of the layer inter-metallic, which cause weakness of the joint. The maximum working temperature recommended is 370°C.

MANIPULATION AND STORAGE

- Must be stored in wet and clean conditions.
- It is recommended to storage in their original container away from the sun light.
- Common precaution for their manipulation usage.
- Used in ventilated areas.
- Do not smoke during their usage.
- See the security sheet to identify the risks of handling

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