

Technical information : AUTOMATIC GASKET DISPENSING

<p>Description:</p> <p>Conductive or nonconductive silicone gasket is directly dispensed on your casting or PCB for EMI and IP protection. The application of the gasket is performed by using a technology based on digitally controlling 3 axes. It allows the realization of gaskets with very thin sections and very precise paths for enclosures with narrow space for traditional gaskets (multi-cavities case with thin walls). These gaskets provide an electromagnetic shielding and an environmental seal.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e0f0ff;">Material</td> <td>Silicone, loaded silicone (Silver, Copper, Graphite...)</td> </tr> <tr> <td style="background-color: #e0f0ff;">Manufacturing processes</td> <td>Automatic dispensing by our programmable robot equipment.</td> </tr> <tr> <td style="background-color: #e0f0ff;">Packaging</td> <td>Syringe, cartridge, Barrel</td> </tr> <tr> <td style="background-color: #e0f0ff;">Options</td> <td>We can supply only material.</td> </tr> <tr> <td style="background-color: #e0f0ff;">Prototyping</td> <td style="text-align: center;">-</td> </tr> </table>	Material	Silicone, loaded silicone (Silver, Copper, Graphite...)	Manufacturing processes	Automatic dispensing by our programmable robot equipment.	Packaging	Syringe, cartridge, Barrel	Options	We can supply only material.	Prototyping	-
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CONTENTS		UNIT	Ni/C	Cu/Ag
MATERIAL DESCRIPTION	Base Material (Elastomer)	-	Silicone	Silicone
	Filler	-	Nickel coated graphite	Silver coated copper
	Color	-	Drak gray	Beige
AS SUPPLIED	Surface Dry / Tack-free Time	Min. (Ø=0.5mm)	Min. 3'	Min. 1'30"
	Cure Time	Hr. (Ø=0.5mm)	24	12 ~ 24
	Operating temperature	°C	-50 ~ +120	-50 ~ +120
	Storage temperature	°C	-5 ~ +5	-5 ~ +120
	Shelf life : • Cartridge • Bareel	Months Weeks	3 3	3 2
CURED CHARACTERISTICS	Hardness	Shore A	65 ± 5	65 ± 5
	Specific Gravity	-	2.1 ± 0.2	2.5 ± 0.5
	Adhesion on PCB	g	200	Min. 400
	Volume resistivity	Ω.cm	Max. 0.1	Max. 0.001