Flat Shield - K-SRC-3.0 T

Structure (section)

- Conductive PU foam + ATU
- Conductive Adhesive
- Conductive Mesh
- Conductive Adhesive (PSA)
- Release Paper

ATU: Anit Tarnish Urethane Coated

Specification:

Materials	Base Material	T : 2.0 mm ±0.3	Mesh + PU Foam + ATU	Cu/Ni Plating
	Conductive Adhesive	Single side coated	The Principal Ingredient (Adhesive Resin) : Acrylic Ester Polyol Copolymer Modified Chemical Material (Conductive Filler Located in Adhesive) : Modified Nickel Powder	
	Release Paper (g/sq)	70	Double side PE, One side release Treated	
	Total thickness(mm)	3.0 mm ± 20%	Thickness measurement	
	Width (mm)	1000 mm ± 20 mm		
	Length (m/Roll)	50		
	Pore count	80 ppi ±10	ASTM D 3574 -86	
	Color	Dark Gray	Visual	
	Surface Resistance (Ω/cm)	<0.2	Test by MIL-G-83528	
	Volume Resistance (Ω-cm)	<0.2	25㎟/1 Kg pressure	
	Shielding Effectiveness (dB)	Min 70	Test by ASTM D 4935 Method	
	Tensile strength (N)	L:199.8/W:189.7	ASTM D 5034	
	Elongation (%)	L:31.7/W:30.7	ASTM D 5034	
	Temp. Range (^{O}C)	- 10 to 105	Thermometer	
	Recommended compression rate	15% ~ 30%	Different compression rate by different load (Kg)	
	180' Peel Adhesion (gf)	Min : 1000	KAS 1107	
	Holding Power (sec)	>3600	PET Film (25㎛) 25mm X 25mm / 40 ^{O}C , 500 g	

Advantage

* Easy to die cutting
* Easy Application
* Excellent Shielding Effectiveness
* Very flexible
* Low cost

Use

* Figure for **EMI/ESD/RFI/SAR**
* Mobile Phone, PDA, Digital camera, Camcorder
* LCD, PDP, Set-top Box
* Note-PC
* Net-Work System

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