EVS

10Ø x 38 mm

Compliant with the ISO 8820 standard
2022 Taiwan Excellence Award Recipient

Interrupting Rating

10,000 amperes at 275V AC
10,000 amperes at 450V DC
20,000 amperes at 550V DC

Electrical Characteristics

Ampere Rating	Opening Time				
	1.1 In	1.35 In		1.5 In	
	MIN	MIN	MAX	MIN	MAX
10A - 50A	4 hr	150 sec	3600 sec	10 sec	1000 sec

Ampere Rating	Opening Time					
	2 In		3 In		5 In	
	MIN	MAX	MIN	MAX	MIN	MAX
10A - 50A	500 ms	100 sec	100 ms	15 sec	50 ms	1 sec

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic Caps: Nickel Plated Copper Alloy Terminal: Tin Plated Copper Alloy

Packaging

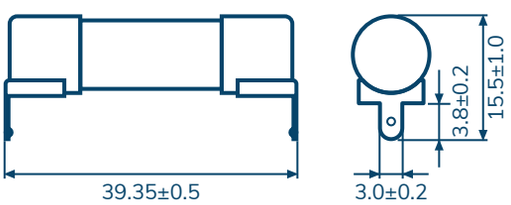
Packaging Option	Quantity
Bulk	**PCBL (PCB Mount):** 50 pcs / tray 20 trays / carton **BD (Bolt Down):** 40 pcs / tray 20 trays / carton

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Max Voltage Drop (mV)	Nominal Cold Resistance (Ohms)	Clearing I^2t (A^2 sec.)
EVS 010	10A	550V	200	0.01148	380
EVS 015	15A			0.00665	719
EVS 020	20A			0.00502	620
EVS 030	30A			0.00243	2533
EVS 040	40A			0.00171	5733
EVS 050	50A			0.00123	9320

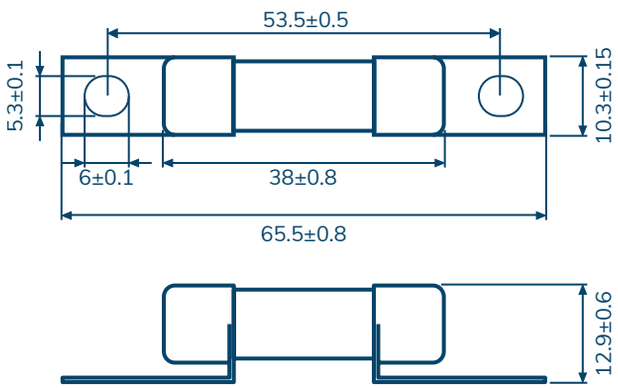
* Time constant (2.0 ± 0.5) ms at DC test

(*I^2t measured at 20 kA / 550 VDC)

Mechanical Dimensions(mm)



EVS PCBL (PCB Mount)



EVS BD (Bolt Down)