

### Type PEP



3.18ØX7.1mm

Very Fast-Acting Fuse Series



### Approvals

Recognized Component for Canada and U.S. 375mA~5A

TUV 375mA~5A  
SEMKO 375mA~5A  
PSE 1A~5A

### Electrical Characteristics

Rated Current	1 In	2 In	2.75 In	3 In	4 In	10 In
	MIN	MAX	MAX	MAX	MAX	MAX
375mA~5A	4 hr	5 sec	300 ms	100 ms	30 ms	4 ms

### Interrupting Ratings

50 amperes at 250V AC  
50 amperes at 125V AC/DC

### Environmental Specification

#### Operating Temperature

-55°C to +125°C

#### Vibration

MIL-STD-202G, Method 201(10-55 Hz); Method 204, Test Condition C (55-2000 Hz at 10G's Perk).

#### Salt Spray

MIL-STD-202G, Method 101, Test Condition B (48Hrs)

#### Insulation Resistance

MIL-STD-202G, Method 302, (After Opening) 10,000 ohms minimum at 100 volts

#### Resistance to Solder Heat

MIL-STD-202G, MStHod 210, Test Condition B (10sec, at 260°C)

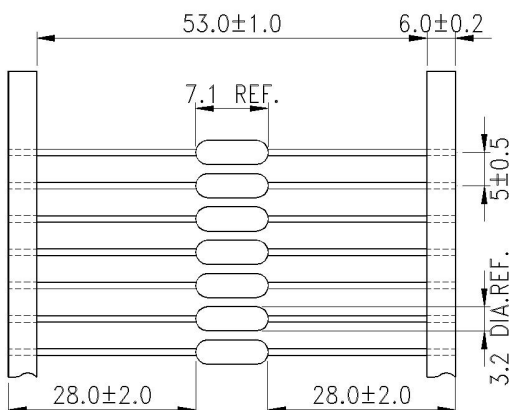
#### Thermal Shock:

MIL-STD-202G, MStHod 107, Test Condition B (-55°C to +125°C)

#### Moisture Resistance

MIL-STD-202F, Method 106 (90-98% RH), Heat (65°C)

### Mechanical Dimensions(mm)



### Physical Specification

#### Materials

Encapsulated, Epoxy-Coated Body; Solder Coated  
Copper Wire Leads.  
Lead Wire: Diameter 0.64mm

#### Packaging

In Bulk:  
PEP-2,000pcs per box  
On Axial Tape  
3,000 pcs per reel.  
Tape & Box specification : PEP  
Tape & Reel specification : PEP (TR)  
per EIA-296-F  
@5mm Pitch and 53mm inside Tape Spacing.

Axial Lead Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec
PEP.375	375mA	250V	0.5451	0.0379
PEP.500	500mA		0.3734	0.0650
PEP.750	750mA		0.2140	0.1462
PEP 001	1A		0.1487	0.2600
PEP 1.50	1.5A		0.0527	0.6300
PEP 002	2A		0.0380	1.0000
PEP 2.50	2.5A		0.0352	1.5625
PEP 003	3A		0.0305	1.8000
PEP 3.50	3.5A		0.0258	2.6950
PEP 004	4A		0.0221	4.3200
PEP 005	5A		0.0167	6.7500