



Features

- * Precise turn-on voltage.
- * The fast speed of response.
- * Surge absorption ability.
- * The capacitance value is low.



Applications

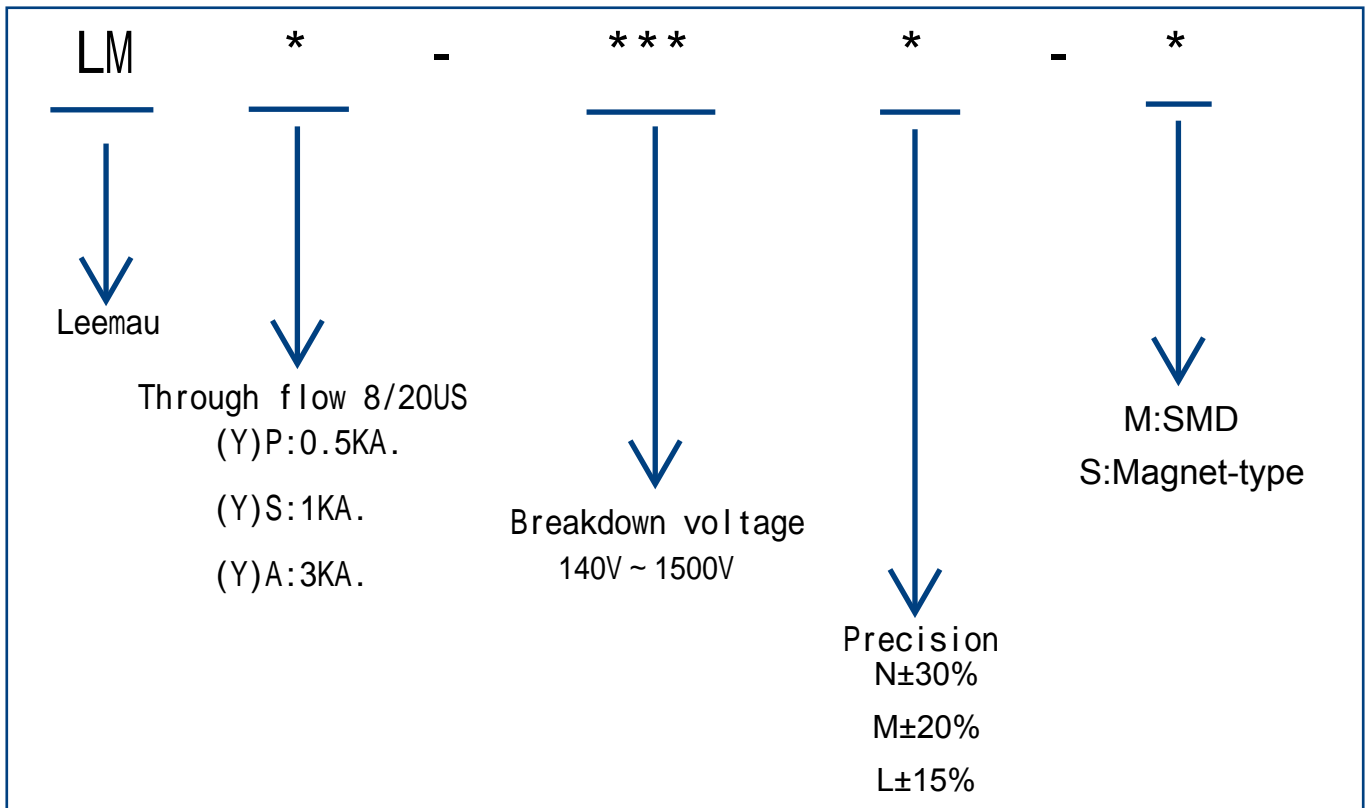
For Telecom

Condition	Products
CPE Side Tip-Ring Signal Wire	56K Modem Information communication video phone Ethernet XDSL Splitter
CO Side Tip-Ring Signal Wire	XDSL Splitter
Wireless	Antenna
General	(ITU-T)The other use

For Power System

Condition	Products
Common Choke Protector (150W min)	LCD TV Server
Other	Audio Sound CRT-RGB & Grid

Product Name



Type Number	DC Spark-Over Voltage	Minimum Insulation Resistance		Maximu Capacitance (1KHz-6Vmax.)	Surge Current Capacity (8/20µs)	Surge Life Test	Package Dimensions (mm)
	V _s	Test Voltage	I _{rchm}	C _j			
	V	V	MΩ	pF			
LMS-141N-S	140±30%	50	100	0.8	10KV/>1000A	10KV 150A >200 times	
LMS-201M-S	200±20%	100	100	0.8	10KV/>1000A		
LMS-301M-S	300±20%	100	100	0.8	10KV/>1000A		
LMS-401M-S	400±20%	250	100	0.8	10KV/>1000A		
LMS-501M-S	500±20%	250	100	0.8	10KV/>1000A		
LMS-701M-S	700±20%	500	100	0.8	10KV/>1000A		
LMS-102M-S	1000±20%	500	100	0.8	10KV/>1000A		
LMS-152M-S	1500±20%	500	100	0.8	10KV/>1000A		



ITEM	TEST METHOD	STANDARD
Static Life	10KV with 1500pf condenser is discharged through 2KΩ resistor. 200 times at an interval of 10sec.	Rate-of-change, within±30% insulation resistance & capacitance, conformed to rated spec.
Cold Resistance	Measurement after -40°C/1000 HRS & normal temperature/2 HRS.	Features are conformed to rated spec.
Heat Resistance	Measurement after 125°C/1000 HRS & normal temperature/2 HRS.	
Humidity Resistance	Measurement after humidity 90~95%(45°C)/1000 HRS & normal temperature/2 HRS.	
Temperature Cycle	10 times repetition of cycle -40°C/30min normal,temp/2 min →125°C/30min,measurement after normal temp/2 HRS.	
Solder Ability	Apply flux and immerse in molten solder230±5°C for 3sec up to the point of 1.5mmFrom body. Check for solder adhesion.	
Solder Heat	Measurement after lead wire is dipped up to the point of 1.5mm from body into 260±5°C solder for 10sec.	Conformed to rated spec.
Pull Strength	Apply 0.5kg load for 10sec.	Lead shall not pull out or snap.
Flexural Strength	Bend lead wire at the point of 2mm from body under 0.25 load and back to its original point. Repeat 1 time.	

General Characteristics

No Radioactive Material

Storage Temperature: -55°C to +125°C

Operating Temperature: -55°C to +85°C

Body: Nickel Plated

Leads: Surface-mount, Axial Devices: Tin Plated

Devices with No Leads: Nickel Plated