

FEATURE

- Eliminates small size design EIA 12.0×5.0mm.
- Current handling capability 5KA @ 8/20 μ s.
- Low capacitance and insertion loss.
- Fast response and long service life.
- Reliable to protect electrostatic surge.
- Moisture sensitivity level: Level 1.

Exterior

APPLICATION INFORMATION

Schematic symbol

- Repeaters, modems.
- Telephone interface, line cards.
- Data communication equipment.
- Line test equipment.
- Power supplies

ELECTRICAL CHARACTERISTICS

Part number	DC breakdown voltage 100V/ μ s(V)	Tolerance of V_S	Impulse spark-over voltage 1KV/ μ s(V)	Impulse discharge current 8/20 μ s(kA)	Insulation resistance		C_o (1MHz)
					*	DC(V)	
J5G091M3LF	90	$\pm 20\%$	"800	5	•	50	"1.5pF
J5G231M3LF	230	$\pm 20\%$	"1000	5	•	100	"1.5pF
J5G421M3LF	420	$\pm 20\%$	"1200	5	•	100	"1.5pF

1. The parameters of all tested by ITU-T K12.
2. Total Impulse discharge current 5KA @ $V_{E\setminus}$, (& 4-5, 10 shots.
3. The capacitance is tested by 1MHz@DC=0.5V.

J5GxxxM3LF

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