

Features

- Y2 universal type
- Rated Voltage: 300V
- RoHSs Compliance

RS PRO EMI Suppression Capacitor

RS Stock No.: 630-931



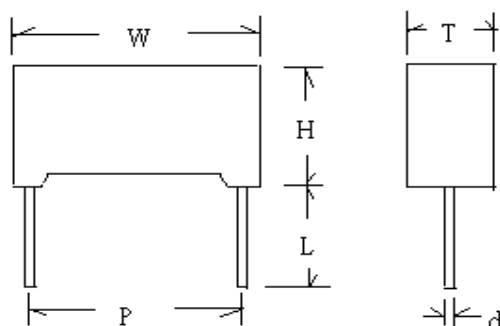
RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

- Used in communication equipment, switching power supply. Safety vent construction design.

General Specifications

Product Dimensions



No.	CAP.(uF)	Symbol	Volt. (VAC)	Tol/ ±%	Max. Dimensions in mm						P/N
					W	H	T±1	P±0.5	L	dψ±0.05	
1	0.0022	223	300	10	18.0	12.0	6.0	15.0	20	0.8	0630931

Mechanical Specifications

Rated Voltage	300V.AC,50/60Hz
Capacitance range	0.0022uF~0.022uF
Capacitance tolerance	K (±10%) (1KHz/20°C,VOLTAGE 1.0V.AC)
Dielectric	METALLIZED POLYPROPYLENE FILM.
Dissipation factor (TANδ)	LESS THAN 0.1% AT 1KHz/20°C VOLTAGE 1.0VAC.
Insulation resistance	BETWEEN TERMINALS (1) Less tank or equal to $0.33\mu F \geq 3 \times 10^4 M\Omega$ Measured at 100±15V.DC, 60 Sec/20°C
Withstand voltage	Applied 3,000V.DC for 1 Sec
Climate category	In accordance with DIN 40040 GMF G (minimum limit temperature) = -40°C

	M (maximum limit temperature) = +100°C F (humidity category) = average relative humidity $\leq 75\%$
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Electrical Specifications

Soldering heat resistance	IN ACCORDANCE WITH DIN 40046 SHEET 18 OR IEC 68-2-20 TEST TA.1 & TB.1 CONDITIONS
Solder bath temperature	260 \pm 5°C
Solder time	5 \pm 1 Sec.
Capacitance body may lie on printing circuit board test criteria	(1) APPEARANCE: NO DAMAGE AND GOOD TINNING (2) CAPACITANCE CHANGE: $\leq \pm 3\%$ OF THE INITIAL VALUE
Vibration resistance	IN ACCORDANCE WITH DIN 40046 SHEET 8 OR IEC 68-2-6 TEST FC CONDITIONS FREQUENCY RANGE: 10 — 55 Hz
Displacement amplitude	0.75mm
Conforming to max.	10g
Test duration	6 hours
Test criteria	(1) APPEARANCE: NO VISIBLE DAMAGE (2) CAPACITANCE CHANGE: $\leq \pm 2\%$ OF THE INITIAL VALUE

Approved By

Reference Standards	<ul style="list-style-type: none"> - UK 60384-14 - USED FOR ACROSS-THE LINE CAPACITORS, ANTENNA-COUPLING AND LINE-BY-PASS COMPONENTS. - ENEC EN60384-14: 2013/A1:2016 - USED FOR RADIO INTERFERENCE SUPPRESSION CAPACITORS
	- ENEC LICENCE NO. ENEC-05013

Classification

UNSPSC	32121505
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Approvals

Standards Met	RoHs, REACH
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