

Surface Mount Certified Safety Capacitors
LS Series, Specifications

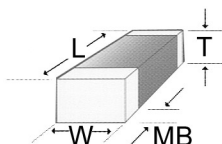


Part Number Determination

LS1808N301K302NXTM								
LS1808	N	301	K	302	N	X	T	M
SIZE	DIELECTRIC	CAPACITANCE CODE	TOLERANCE	VOLTAGE	TERMINATION	THICKNESS OPTION	PACKAGING OPTION	MARKING OPTION
LS1808 LS1812	N=NPO	In pF, 2 Significant digits and a 3rd that indicates the number of zeros to follow 301=300pF	J=±5% K=±10% M=±20%	302=3000V	N=Nickel Barrier (SnPb) (90 Tin/10 Lead)	X=Non standard thickness. Specify in Mils if Non EIA thickness is required.	T=Tape & Reel Blank=Bulk	M=Marked

Package Dimensions (in/mm)

Size	LS 1808 (Y3)
Length (L)	.180 (4.57)
Width (W)	.080 (2.03)
T Max	.080 (2.03)
MB	.024 (.609) Typical
Creepage	.102 (2.60) Min
Cap Range	5-1000pF



Certification Numbers

TUV	R9972698.01, .01, .03 (LS 1808)
Standards	EN 132400, EN 60950, IEC 60384-14 Second Edition, Class X2 Y

Special Characteristics

- Compliant to Standards EN 132400: 1994/A2: 1998/IEC60384-14, Second Edition: 1993/A1:1995
- Meet the requirements of EN61000-4-5, IEC1000-4-5, and IEC801-4-5
- X², Y³/Y² Class compliant
- Certified to EN 60950

Land Pattern (in)

Size	A	B	C	D	E
1808	.110	.050	.140	.220	.020
1812	.150	.060	.130	.250	.02

