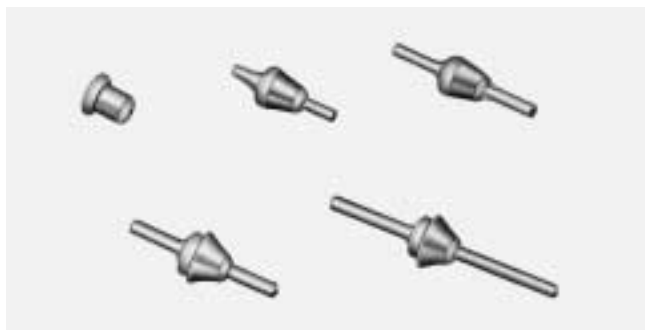


TF318(H) & TF418 Series



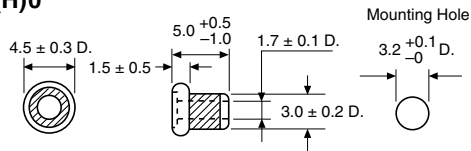
These feed-thru capacitors are designed for high frequency requirements, by-pass applications in VHF and UHF communications equipment and noise filters for car radios, car stereos and two-way radios.

These devices feature simple construction, small size and nickel plated electrodes.

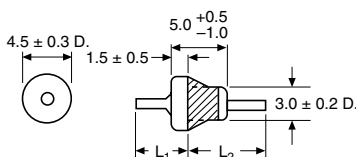
They are migration free and have high thermal strength, mechanical strength and resistance to soldering heat. Ease of mounting makes them ideal for new and conventional feed-thru applications.

DIMENSIONS: mm

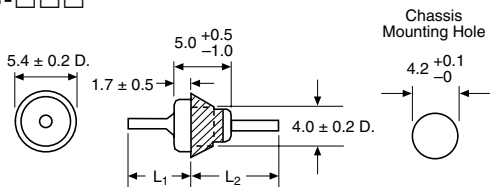
TF318(H)0



TF318(H)□□□



TF418-□□□



Type	Lead Dia.	L ₁	L ₂
TF318(H)-850	0.8	25.0 ± 2.0	30.0 ± 2.0
TF318(H)-853		14.0 ± 1.0	15.0 ± 1.0
TF318(H)-855		9.5 ± 0.5	11.0 ± 0.5
TF318(H)-053	1.0	11.0 ± 1.0	16.5 ± 1.0
TF318(H)-055		7.0 ± 0.7	6.2 ± 0.7
TF318(H)-450	1.4	4.5 ^{+1.0} _{-0.5}	7.5 ± 1.0
TF318(H)-452		7.0 ± 1.0	9.0 ± 1.0

Type	Lead Dia.	L ₁	L ₂
TF418-452	1.4	7.2 ± 1.0	8.8 ± 1.0
TF418-454		10.2 ± 1.0	13.8 ± 1.0

SPECIFICATIONS

Part Number	Cap.	Cap. Tol.	Temp. Char.	Rated Voltage
TF318-□SL100G50	10pF	±20%	SL	50VDC
TF318-□SL220M50	22pF	±20%	SL	50VDC
TF318-□SL330M50	33pF	±20%	SL	50VDC
TF318-□SL470M50	47pF	±20%	SL	50VDC
TF318-□YN101M50	100pF	±20%	YN	50VDC
TF318-□B271M50	270pF	±20%	B	50VDC
TF318(H)-□B(F)471M50	470pF	±20%	B	50VDC
TF318-□E102GMV50	1000pF	⁺²⁰⁰ ₋₀ %	E	50VDC
TF318-□E152P50	1500pF	⁺¹⁰⁰ ₋₀ %	E	50VDC

Part Number	Cap.	Cap. Tol.	Temp. Char.	Rated Voltage
TF418-□E102GMV300	1000pF	⁺²⁰⁰ ₋₀ %	E	300VDC
TF418-□E152P300	1500pF	⁺¹⁰⁰ ₋₀ %	E	300VDC

□ Denotes configurations shown above.

Examples:

TF318-450B271M50

TF418-452E102GMV300

Operating temperature:

Std: -25°C to +85°C

H Series: -55°C to +125°C

PART NUMBERING SYSTEM

			TF318 450	E	102	GMV	50V	
Type and Dimensions								Rated Voltage TF318–50V–ONLY TF418–300V–ONLY
Temperature Characteristic							Cap. Tolerance	
Code	Max. Cap. Change	Temp. Range		Nominal Capacitance				
B	±10%	–25°C to +85°C						
E	⁺²⁰ _{–55} %	–25°C to +85°C						
Code		Temp. Coefficient						
SL		+350 to –1000ppm/°C						
YN		–500 to –5800ppm/°C						