

THD Series

Dipped Radial Leaded Ceramic Capacitors

United Chemi-Con

The THD series features large capacitance values and a high ripple current rating.

Features

- Small size and large capacitance
- High ripple current
- Temperature characteristic is Y5U in EIA code
- Superior humidity characteristic and long life
- Excellent noise absorption
- Resin(UL94 V-0) used for coating

Applications:

- Automotive equipment
- Smoothing circuit of switching mode AC-DC or DC-DC converter
- Noise suppressor for various kinds of equipment
- By-pass or decoupling circuits
- SMPS Filtering

Specifications

- **Applications:** SMPS Filtering
- **Capacitance:** 0.1 μ F ~ 470 μ F
- **Lead Style:** Straight
- **Mounting Type:** Through Hole
- **Operating Temperature:** -55°C ~ 125°C
- **Package / Case:** Radial
- **Packaging:** Bulk
- **Temperature Coefficient:** Y5U (E)
- **Tolerance:** \pm 20%
- **Voltage - Rated:** 25V ~ 250V

Parts

Image	Manufacturer Part Number	Description	Capacitance	Voltage - Rated	Tolerance	Temperature Coefficient	Package / Case	RoHS
	KHD251E104M43A0B00	CAP CER 0.1UF 250V 20% RADIAL	0.1 μ F	250V	\pm 20%	Y5U (E)	Radial	
	KHD250E156M43A0B00	CAP CER 15UF 25V 20% RADIAL	15 μ F	25V	\pm 20%	Y5U (E)	Radial	
	KHD250E106M43A0B00	CAP CER 10UF 25V 20% RADIAL	10 μ F	25V	\pm 20%	Y5U (E)	Radial	
	KHD500E106M55A0B00	CAP CER 10UF 50V 20% RADIAL	10 μ F	50V	\pm 20%	Y5U (E)	Radial	
	KHD251E105M76A0B00	CAP CER 1UF 250V 20% RADIAL	1.0 μ F	250V	\pm 20%	Y5U (E)	Radial	
	KHD101E475M55A0B00	CAP CER 4.7UF 100V 20% RADIAL	4.7 μ F	100V	\pm 20%	Y5U (E)	Radial	
	KHD500E156M55A0B00	CAP CER 15UF 50V 20% RADIAL	15 μ F	50V	\pm 20%	Y5U (E)	Radial	

KHD251E155M76A0B00	CAP CER 1.5UF 250V 20% RADIAL	1.5µF	250V	±20%	Y5U (E)	Radial
KHD250E476M76A0B00	CAP CER 47UF 25V 20% RADIAL	47µF	25V	±20%	Y5U (E)	Radial
KHD101E106M80A0B00	CAP CER 10UF 100V 20% RADIAL	10µF	100V	±20%	Y5U (E)	Radial
KHD250E107M80A0B00	CAP CER 100UF 25V 20% RADIAL	100µF	25V	±20%	Y5U (E)	Radial
KHD251E106M99C0B00	CAP CER 10UF 250V 20% RADIAL	10µF	250V	±20%	Y5U (E)	Radial
KHD101E476M99C0B00	CAP CER 47UF 100V 20% RADIAL	47µF	100V	±20%	Y5U (E)	Radial
KHD250E157M90C0B00	CAP CER 150UF 25V 20% RADIAL	150µF	25V	±20%	Y5U (E)	Radial
KHD500E107M90C0B00	CAP CER 100UF 50V 20% RADIAL	100µF	50V	±20%	Y5U (E)	Radial
KHD500E227M99C0B00	CAP CER 220UF 50V 20% RADIAL	220µF	50V	±20%	Y5U (E)	Radial
KHD101E474M32A0B00	CAP CER 0.47UF 100V 20% RADIAL	0.47µF	100V	±20%	Y5U (E)	Radial
KHD250E475M32A0B00	CAP CER 4.7UF 25V 20% RADIAL	4.7µF	25V	±20%	Y5U (E)	Radial
KHD251E154M43A0B00	CAP CER 0.15UF 250V 20% RADIAL	0.15µF	250V	±20%	Y5U (E)	Radial
KHD101E105M43A0B00	CAP CER 1UF 100V 20% RADIAL	1.0µF	100V	±20%	Y5U (E)	Radial
KHD101E155M43A0B00	CAP CER 1.5UF 100V 20% RADIAL	1.5µF	100V	±20%	Y5U (E)	Radial
KHD250E226M55A0B00	CAP CER 22UF 25V 20% RADIAL	22µF	25V	±20%	Y5U (E)	Radial
KHD101E156M80A0B00	CAP CER 15UF 100V 20% RADIAL	15µF	100V	±20%	Y5U (E)	Radial
KHD251E475M90C0B00	CAP CER 4.7UF 250V 20% RADIAL	4.7µF	250V	±20%	Y5U (E)	Radial
KHD500E476M90C0B00	CAP CER 47UF 50V 20% RADIAL	47µF	50V	±20%	Y5U (E)	Radial
	CAP CER 15UF 250V 20%					

	KHD251E156M99C0B00	RADIAL	15 μ F	250V	\pm 20%	Y5U (E)	Radial	
	KHD500E157M99C0B00	CAP CER 150UF 50V 20% RADIAL	150 μ F	50V	\pm 20%	Y5U (E)	Radial	
	KHD250E477M99C0B00	CAP CER 470UF 25V 20% RADIAL	470 μ F	25V	\pm 20%	Y5U (E)	Radial	
	KHD251E474M55A0B00	CAP CER 0.47UF 250V 20% RADIAL	0.47 μ F	250V	\pm 20%	Y5U (E)	Radial	
	KHD101E107M99C0B00	CAP CER 100UF 100V 20% RADIAL	100 μ F	100V	\pm 20%	Y5U (E)	Radial	