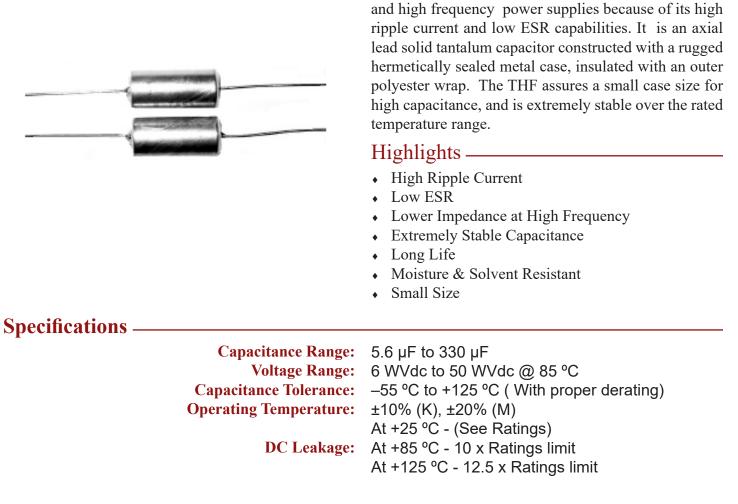
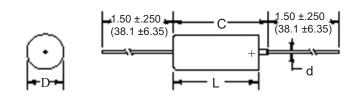
Type THF Solid Tantalum Capacitors

The Type THF is ideal for use in switching regulators

Hermetically Sealed Axial Lead Solid Tantalum Capacitors



Outline Drawing -



	Uninsulated		Insulated		Inches (mm)			
	D	L	D	L		d	Quantity	
Case	±.005	±.031	±.010	±.031	С	±.001	Per	
Code	(±.13)	(±.79)	(±.25)	(±.79)	Maximum	(±.03)	Reel	
F	.279(7.09)	.650(16.51)	.289(7.34)	.686(17.42)	.822(20.88)	.025(.64)	500	
G	.341(8.66)	.750(19.05)	.351(8.92)	.786(19.96)	.922(23.42)	.025(.64)	400	

Part Numbering System

THF	157	М	006	Р	1	F	-F
					Mylar	Case	RoHS
Туре	Capacitance	Tolerance	Voltage	Polar	Sleeve	Code	Compliant
THF	565 = 5.6 µF	K = ±10%	006 = 6 Vdc	P = Polar	1	F	
	186 = 18.6 μF	M = ±20%	020 = 20 Vdc			G	
	157 = 150 μF		050 = 50 Vdc				

CDE Cornell Dubilier • 1605 E. Rodney French Blvd. • New Bedford, MA 02744 • Phone: (508)996-8561 • Fax: (508)996-3830 • www.cde.com

Type THF Solid Tantalum Capacitors

Ratings

			Max	Мах	Мах	Max Ripple
	Catalog	Case	DCL	DF %	ESR (ohms)	RMS Amps
Сар	Part Number	Code	@ +25 °C	@ +25 °C	@ +25 °C	@ 40 kHz
(μF)			(μΑ)	1 kz	100 kHz	+25°C
	1		6 WVdc @ 8	5 °C	1	
		4	WVdc @ 12	5 °C		
150	THF157K006P1F-F	F	4.5	10	0.065	3.3
180	THF187K006P1F-F	F	5.5	10	0.060	3.4
270	THF277K006P1G-F	G	6.5	10	0.050	4.1
330	THF337K006P1G-F	G	7.5	12	0.045	4.3
			0 WVdc @ 8			
82		7 F	<mark>7 WVdc @ 12</mark> 4	8 °C	0.095	2.0
82 100	THF826K010P1F-F	F			0.085	2.9
	THF107K010P1F-F THF127K010P1F-F	F	5	8	0.075	3.0
120			6 9	8 8	0.070	3.2
180	THF187K010P1G-F	G G		-	0.060	3.7
220	THF227K010P1G-F	_	10 I 5 WVdc @ 8	10	0.055	3.9
			0 WVdc @ 1			
56	THF566K015P1F-F	F.	4	6	0.100	2.6
68	THF686K015P1F-F	F	5	6	0.095	2.7
120	THF127K015P1G-F	G	9	8	0.070	3.5
150	THF157K015P1G-F	G	10	8	0.065	3.6
			20 WVdc @ 8	-		
			3 WVdc @ 1			
27	THF276K020P1F-F	F	2.5	5	0.145	2.2
33	THF336K020P1F-F	F	3.5	5	0.130	2.3
39	THF396K020P1F-F	F	4.0	5	0.120	2.4
47	THF476K020P1F-F	F	4.5	6	0.110	2.5
56	THF566K020P1G-F	G	5.5	6	0.100	2.9
68	THF686K020P1G-F	G	7.0	6	0.095	3.0
82	THF826K020P1G-F	G	8.0	6	0.085	3.1
100	THF107K020P1G-F	G	10.0	8	0.075	3.3
			85 WVdc @ 8			
			3 WVdc @ 1			
10	THF106K035P1F-F	F	4.0	4	0.161	1.5
22	THF226K035P1F-F	F	4.0	4	0.160	2.1
27	THF276K035P1G-F	G	4.5	4	0.145	2.4
33	THF336K035P1G-F	G	5.5	5	0.130	2.5
39	THF396K035P1G-F	G	7.0	5	0.120	2.6
47	THF476K035P1G-F	G	8.0	5	0.110	2.7
			50 WVdc @ 8 3 WVdc @ 1:			
5.6	THF565K050P1F-F	3	2.2	3	0.300	1.5
6.8	THF685K050P1F-F	F	2.2	3	0.275	1.6
8.2	THF825K050P1F-F	F	2.5	3	0.250	1.6
10.0	THF106K050P1F-F	F	2.5	3	0.230	1.7
12.0	THF126K050P1F-F	F	3.0	3	0.210	1.8
15.0	THF156K050P1F-F	F	4.0	3	0.190	1.9
18.0	THF186K050P1F-F	F	4.5	4	0.175	2.0
22.0	THF226K050P1G-F	G	5.5	4	0.160	2.3

CDE Cornell Dubilier • 1605 E. Rodney French Blvd. • New Bedford, MA 02744 • Phone: (508)996-8561 • Fax: (508)996-3830 • www.cde.com

Type THF Solid Tantalum Capacitors

Notice and Disclaimer: All product drawings, descriptions, specifications, statements, information and data (collectively, the "Information") in this datasheet or other publication are subject to change. The customer is responsible for checking, confirming and verifying the extent to which the Information contained in this datasheet or other publication is applicable to an order at the time the order is placed. All Information given herein is believed to be accurate and reliable, but it is presented without any guarantee, warranty, representation or responsibility of any kind, expressed or implied. Statements of suitability for certain applications are based on the knowledge that the Cornell Dubilier company providing such statements ("Cornell Dubilier") has of operating conditions that such Cornell Dubilier company regards as typical for such applications, but are not intended to constitute any guarantee, warranty or representation regarding any such matter - and Cornell Dubilier specifically and expressly disclaims any guarantee, warranty or representation concerning the suitability for a specific customer application, use, storage, transportation, or operating environment. The Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by Cornell Dubilier with reference to the use of any Cornell Dubilier products is given gratis (unless otherwise specified by Cornell Dubilier), and Cornell Dubilier assumes no obligation or liability for the advice given or results obtained. Although Cornell Dubilier strives to apply the most stringent quality and safety standards regarding the design and manufacturing of its products, in light of the current state of the art, isolated component failures may still occur. Accordingly, customer applications which require a high degree of reliability or safety should employ suitable designs or other safeguards (such as installation of protective circuitry or redundancies or other appropriate protective measures) in order to ensure that the failure of an electrical component does not result in a risk of personal injury or property damage. Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated in such warnings, cautions and notes, or that other safety measures may not be required.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Tantalum Capacitors - Solid Leaded category:

Click to view products by Cornell Dubilier manufacturer:

Other Similar products are found below :

CX06M225M 499D104X9035A1VE3 CA55-C025M106T CA55-H6R3M337T CA55-D6R3M477T CA55-H004M477T CA55-H6R3M227T CA55-D6R3M337T CA55-B010M476T CA55-B016M226T CA55-D025M336T CA55-H2R5M477T 749DX335X9016A2 F920J226MPA M39003/01-6081 CWR29JC476KCHC TAP105K035BRS TC-100/16 TC-22/6.3 TC-4.7/35 TC-68/25 TCA1E475M8R TCTU1D334M8R 150D127X9015S2B 150D685X9100R2B 150D276X9010B2B 150D106X0015B2BE3 150D126X9060S2BE3 07016-092MCCA 550D476X9035S2T 16TQS33MED 173D336X0025Y 489D226X0016D6VE3 489D105X0025A6VE3 489D106X0016C6VE3 489D106X0025D6VE3 489D106X0035F1VE3 489D224X0035A1VE3 489D224X0035A6VE3 489D475X0035D1VE3 489D475X0035D6VE3 489D105X0025A1VE3 489D106X0010B1VE3 489D225X0025B1VE3 790D686X9016C2BE3 790D226X9040C2BE3 790D105X9040A2BE3 790D106X9025B2BE3 T110A105K050AS T110D227K010AS