

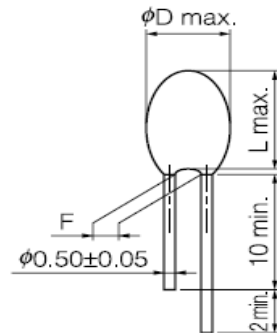
TANTALUM CAPACITORS(STANDARD) - TCD SERIES (DIP)鉭質電容

▲ FEATURES

Lead-free type,ROHS compliant.
Offer a range of small,high-capacity models.
Succeed to the latest technology plus outstanding performance.

▲ DIMENSIONS :mm

CASE	D	L	F±0.5
A	4.50	7.00	2.50
B	5.00	8.00	2.50
C	5.50	9.50	2.50
D	6.50	11.00	2.50
E	8.50	13.00	2.50
F	9.50	16.50	2.50



▲ TECHNICAL SPECIFICATIONS

Technical Data	All technical data relate to an ambient temperature of + 25 °C								
Capacitance Range	0.1uf ~ 330uf								
Capacitance Tolerance	±10% ± 20%								
Rated Voltage	4.0	6.3	10	16	20	25	35	50	
Voltage Derating	2.5	4.0	6.3	16	13	16	23	33	
Surge Voltage 85°C	5.0	8.0	13	20	26	32	46	65	
Surge Voltage 125°C	3.4	5.0	9.0	16	16	20	26	38	
Temperature Range	- 55 °C ~ + 125 °C								
Shelf Life	Duration: 2000hrs , Ambient temperature: + 85°C								

▲ STANDARD C-V VALUE REFFERENCE CASE CODE

CAPACITANCE		6.3V	10V	16V	25V	35V	50V
uf	code						
0.10	104					A	A
0.15	154					A	A
0.22	224					A	A
0.33	334					A	A
0.47	474					A	A
0.68	684					A	A
1.00	105				A	A	B
1.50	155			A	A	A	C
2.20	225		A	A	A	B	C
3.30	335	A	A	A	B	B	D
4.70	475	A	A	B	B	C	D
6.80	685	A	B	B	C	D	E
10	106	B	B	B	C	D	E
15	156	B	C	C	D	E	F
22	226	C	C	C	D	E	F
33	336	C	D	D	E	F	
47	476	D	D	D	E	F	
68	686	D	D	E	F		
100	107	E	E	E	F		
150	157	E	E	F			
220	227	E	F				
330	337	F					

ORDER: TCD 10U 16V DIP

PS:鉭質電容單價高,建議儘量使用同為有極性的電解電容 or 無極性之MLCC