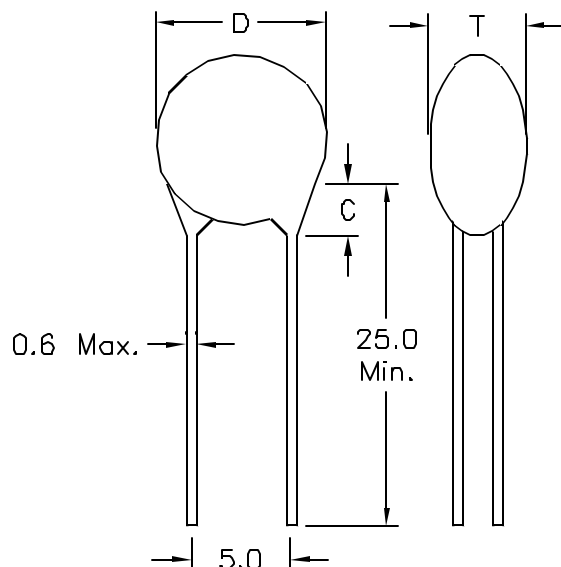


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REVISIONS				DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680				
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
839	A	RELEASED	HYD	2/14/01	JC	6/18/01	DJC	6/18/01



SPECIFICATIONS:

1. Capacitance Tolerance: $\pm 5\%$
2. Temperature Characteristic (NPO): $0 \pm 30 \text{ppm}$
3. Operating Temperature: $-25 \sim +85^\circ\text{C}$
4. Q Factor @ 1MHz, $1 \pm 0.2 \text{ Vrms}$, 25°C :
 $C \geq 30 \text{pF} \dots \dots \dots Q \geq 1,000$
 $C < 30 \text{pF} \dots \dots \dots Q \geq 400 + 20$
5. Insulation Resistance (IR), @ 25°C : 10,000 Megohm minimum
6. Dielectric Strength: 3 Times the rated WVDC
7. Testing Parameters: $1 \text{MHz} \pm 20\%$, $1.0 \text{Vrms} \pm 0.2 \text{Vrms}$
8. Capacitance has linear temperature coefficient.

SPC-F004-DWG

Multicomp Type No.	Voltage (VDC)	Capacitance	D (Max.)	T (Max.)	C	
C1C100J1HS5L	50	10pF	5.5	3.5	1.5	
C1C120J1HS5L		12pF				
C1C150J1HS5L		15pF				
C1C180J1HS5L		18pF				
C1C220J1HS5L		22pF				
C1C270J1HS5L		27pF				
C1C330J1HS5L		33pF				
C1C390J1HS5L		39pF				
C1C470J1HS5L		47pF				
C1C680J1HS5L		68pF	6.5			
C1C820J1HS5L		82pF	7.5			
C1C101J1HS5L		100pF	8.5			
C1C121J1HS5L		120pF				
C1C151J1HS5L		150pF				
C1C181J1HS5L		180pF	10.5			
C1C221J1HS5L		220pF				
C1C271J1HS5L		270pF	12.5			
C1C331J1HS5L		330pF				
C1C391J1HS5L		390pF				
C1C471J1HS5L		470pF				
C1C102J1HS5L		1000pF				
C1C100J2AS5L	100	10pF	5.5	4.0	2.0	
C1C120J2AS5L		12pF				
C1C150J2AS5L		15pF				
C1C180J2AS5L		18pF				
C1C220J2AS5L		22pF				
C1C270J2AS5L		27pF				
C1C330J2AS5L		33pF				
C1C390J2AS5L		39pF				
C1C470J2AS5L		47pF				
C1C560J2AS5L		56pF	6.5			
C1C680J2AS5L		68pF				
C1C820J2AS5L		82pF	7.5			
C1C101J2AS5L		100pF	8.5			
C1C121J2AS5L		120pF				
C1C151J2AS5L		150pF				
C1C181J2AS5L		180pF	10.5			
C1C221J2AS5L		220pF				
C1C271J2AS5L		270pF				
C1C100J2HS5L	500	10pF	5.5	4.0	2.0	
C1C120J2HS5L		12pF				
C1C150J2HS5L		15pF				
C1C180J2HS5L		18pF				
C1C220J2HS5L		22pF				
C1C270J2HS5L		27pF				
C1C330J2HS5L		33pF	6.5			
C1C390J2HS5L		39pF				
C1C470J2HS5L		47pF				
C1C680J2HS5L		68pF				8.5
C1C820J2HS5L		82pF				

multicomp

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
HISHAM QDISH	2/14/01
CHECKED BY:	DATE:
JOHN COLE	6/18/01
APPROVED BY:	DATE:
DANIEL CAREY	6/18/01

DRAWING TITLE:

Class I Ceramic Disc Capacitors

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	TA-166	TA-166.DWG	A
SCALE: NTS		U.O.M.: MILLIMETERS	SHEET: 1 OF 1