

A.C.L. General Specifications

Details of codes according to MIL / JSS

Temperature Coefficient and Capacitance Drift					
Designator	Temperature Coefficient (ppm/°C)			Capacitance Drift	
C	- 200	to	+ 200	+ - (0.5 %	+ 0.1pF)
D	- 100	to	+ 100	+ - (0.3 %	+ 0.1pF)
E	- 20	to	+ 100	+ - (0.1 %	+ 0.1pF)
F	- 0	to	+ 70	+ - (0.05 %	+ 0.1pF)
G	- 20	to	+ 50	+ - (0.05 %	+ 0.1pF)
H	- 20	to	+ 30	+ - (0.05 %	+ 0.1pF)

Operating Temperature Range				
Designator	Temperature Range		Designator	Temperature Range
L	- 40	to + 85°C	O	- 55 to + 125°C
N	- 55	to + 85°C	P	- 55 to + 150°C

Capacitance Tolerance							
MIL				JSS			
Symbol	Tolerance	Symbol	Tolerance	Symbol	Tolerance	Symbol	Tolerance
D	+ - 0.5pF	G	+ - 2%	A	+ - 0.25pF	F	+ - 1%
A	+ - 1.0pF	J	+ - 5%	B	+ - 0.5pF	G	+ - 2%
E	+ - 0.5%	K	+ - 10%	C	+ - 1.0pF	J	+ - 5%
F	+ - 1%	M	+ - 20%	D	+ - 2.0pF	K	+ - 10%
				E	+ - 0.5%	M	+ - 20%

Rated D.C. Voltage					
Symbol	Voltage	Symbol	Voltage	Symbol	Voltage
Y	50	D	500	H	1500
A	100	E	600	J	2000
B	250	F	1000	K	2500
C	300	G	1200	L	3000

Ordering Data					
D15	C	D	102	J	P
↓	↓	↓	↓	↓	↓
Style	Characteristics	Voltage	Capacitance	Tolerance	Temperature

Notes:

Capacitance in picofarads is indicated by three digits. The first two digits represent significant figures and the third specifies the number of zeros to follow. Where the nominal capacitance is in fractions, the decimal point is indicated with the letter 'p', 'n' or 'u' as the case may be.

E.g. 5p6 indicates 5.6pF
 4n7 indicates 4.7nF
 u22 indicates 0.22uF