

Multi-Layer – Standard P/N System

C 17 CF 620 J - 7 U N - X 0 T

Multi-Layer Capacitor Case Size Material System Capacitance Value Tolerance Voltage Code Termination Code Leading Code Test Level Code Laser Marking Code Packaging

Case Size 17

Case	Dimensions
04	0.040" x 0.020"
06	0.060" x 0.030"
07	0.110" x 0.070"
08	0.080" x 0.050"
10*	0.120" x 0.010"
11	0.055" x 0.055"
12*	0.120" x 0.060"
17	0.110" x 0.110"
18	0.110" x 0.110"
20*	0.220" x 0.200"
22	0.220" x 0.220"
36*	0.360" x 0.040"
40	0.380" x 0.380"

Voltage 7

Code	Voltage
5	50V
1	100V
8	150V
6	200V
9	250V
3	300V
4	500V
7	1000V
A	1500V
G	2000V
B	2500V
D	3600V
F	5000V
H	7200V
S	SPECIAL

Test Level X

Code	Testing
X	Commercial or Industrial
Y	Reduced Visual
A	MIL-PRF-55681 Group A
C	MIL-PRF-55681 Group C
D	Customer Specified

Material CF

Material	Characteristics
AH	P90 High-Q
CF	NPO High-Q
MS	NPO High-Q
UL	Ultra Low ESR-NPO
BL	DC Blocking Ultra
NA	N30 High-Q

* MS Material only

Capacitance 620

Code	Value
A	± 0.05pF
B	± 0.1pF
C	± 0.25pF
D	± 0.5pF
F	± 1%
G	± 2%
J	± 5%
K	± 10%
M	± 20%
X	GMV
S	SPECIAL

Termination U

Code	Termination System	RoHS
T	Ag Termination, Ni Barrier Layer, Heavy SnPb Plated Solder	
U	Ag Termination, Ni Barrier Layer, SnPb Plated Solder	
S	Ag Termination, Ni Barrier Layer, Gold Flash	RoHS
Z	Ag Termination, Ni Barrier Layer, Sn Plated Solder	RoHS
E	Ag Termination, Enhanced Ni Barrier, Sn Plated Solder	RoHS
P**	AgPd Termination	RoHS
Q	Polymer Termination, Ni Barrier Layer, Sn Plated Solder	RoHS
Y	Polymer Termination, Ni Barrier Layer, SnPb Plated Solder	
M**	Polymer Termination, Cu Barrier Layer, Sn Plated Solder	RoHS
W**	Ag Termination, Cu Barrier Layer, Sn Plated Solder	RoHS
H**	Ag Termination, Enhanced Cu Barrier, Sn Plated Solder	RoHS
V**	Ag Termination, Cu Barrier Layer, SnPb Plated Solder	
R**	Ag Termination, Cu Barrier Layer, Heavy SnPb Plated Solder	

NOTE: All fields are required. Any specials, please consult factory.

** Nonmagnetic

Laser Mark 0

Code	Laser Marking
0	No marking
1	Single-side marked
2	Double-side marked
3*	Large single-side marked
4*	Large double-side marked
5	Vertical edge marked
9	Customer Specified

*Reduces DWV Rating.

Tolerance J

Code	Value
A	± 0.05pF
B	± 0.1pF
C	± 0.25pF
D	± 0.5pF
F	± 1%
G	± 2%
J	± 5%
K	± 10%
M	± 20%
X	GMV
S	SPECIAL

<10pF A, B, C, D
>10pF F, G, J, K, M

Leading N

Code	Lead Type
A	Axial Ribbon
B	Radial Ribbon
C	Center Ribbon
D	Specialty Customer Defined
E	Axial Wire
F	Radial Wire
N	NONE

NOTE: Consult Sales Representative for RoHS compliant leaded devices

Packaging T

Code	Packaging
T	Tape & Reel – Horizontal
V	Tape & Reel – Vertical
W	Waffle Pack
B	Bulk
P	Plastic Box
R	Tube (Rail)
S	Customer Specified