

# LOW PASS EMI FILTERS PART NUMBERING SYSTEM

## 1 2 3 4 - 5 6 7 8 - ABCXYZ

### 1 FILTER STYLE

1 = Eyelet  
2 = Bolt  
3 = Broad Band  
4 = Special  
5 = Reversed Eyelet  
6 = Filter Pin w/Flange  
7 = Filter Pin No Flange  
8 = Potted Eyelet  
9 = Stand-off  
A = Knurled

### 2 CIRCUIT TYPE

1 = C  
2 = L1 (ind.thd.end)  
3 = L2 (cap.thd.end)  
4 = Pi  
5 = T  
6 = 2L  
7 = 2Pi  
8 = 2T  
0 = Special

### 3 VOLTAGE

1 = 50 VDC  
2 = 100 VDC  
3 = 200 VDC  
4 = 115 VAC  
5 = 240 VAC  
6 = 300 VDC  
7 = 250 VDC  
8 = 500 VDC  
9 = 1000 VDC  
0 = Special

### 4 CURRENT RATING

1 = .25A      P = 100A  
2 = .5A        R = 50A  
3 = 1A         S = .06A  
4 = 3A         T = .1A  
5 = 5A         U = .15A  
6 = 10A        V = .3A  
7 = 12A        X = .45A  
8 = 15A        Y = 4A  
9 = 2A         Z = 25A  
0 = Special

### 5 CASE DIAMETER

1 = .128 Eyelet    L = .750 Hex  
2 = .157 Hex       M = .100  
3 = .187 Hex       N = .105  
4 = .250 Hex       P = .095  
5 = .375 Hex       R = .086  
6 = .250            S = .165 Eyelet  
7 = .375            T = .250 Eyelet  
8 = .410            U = .400 Eyelet  
9 = .690            V = .122 F Pin  
0 = Special        X = .138 F Pin  
A = .500 Hex       Y = .187 F Pin  
B = .625 Hex       Z = .240 F Pin  
C = .690 Hex  
D = .070

### 6 CASE LENGTH

1 = Eyelet        D = .400  
2 = Bolt           E = .460  
3 = .100           F = .500  
4 = .150           G = .560  
5 = .170           H = .600  
6 = .190           K = .620  
7 = .250           L = .635  
8 = .530           M = .890  
9 = .780           N = .910  
0 = Special       P = 1.000  
                         R = 1.100  
A = .200           S = .350  
B = .300           T = .480  
C = .360           U = .580

### 7 THREAD

1 = Eyelet  
2 = 4-40  
3 = 6-32  
4 = 8-32  
5 = 12-32  
6 = .250-28 (.187)  
7 = .250-28 (.312)  
8 = .310-24  
9 = Filter Pin  
0 = Special  
A = 0-80  
B = 2-56  
C = .310-32  
D = 1/2-20

### 8 TERMINAL

1 = Hermetic Straight Lead  
2 = Hermetic Nail Lead  
3 = Hermetic Spade  
4 = Hermetic Hook  
5 = Straight Lead Epoxy  
6 = Nail Head Epoxy  
7 = Hooked Lead Epoxy  
8 = Special  
9 = Stand-off  
0 = 1/4-28

### ABC CAPACITANCE OR 300 SERIES

First two significant digits of capacitance in PICO FARDS followed by number of Zeroes.  
Sequential number designating customer SCD

### X TESTING LEVEL

A = Std. Catalog item (Visual, DWV, CX, DF, IR)  
B = Hi-Rel (Visual, DWV, CX, DF, IR, Thermal Shock – 5 cycles & Burn-in – 168 hrs)  
C = Group A & B IAW MIL-F-15733  
D = Group A, B, & C Per MIL-F-15733  
L = Class B IAW MIL-F-15733 Group A  
W = Class B IAW MIL-F-28861 Group A  
V = Class B IAW MIL-F-28861 Group A & B  
Y = Class S IAW MIL-F-28861

### Y MATL. & FINISH

G = Brass/Gold                      P = Brass/Tin Fused                      N = Steel/Tin Lead  
S = Brass/Silver                     D = Steel/Gold                                R = Steel/Tin Fused  
T = Brass/Tin Electro Dep.        E = Steel/Silver                               Z = Kovar/Gold  
H = Brass/Tin Lead                    K = Steel/Tin

### Z VARIATION

C = Customer SCD                      F = QPL Item                                I = Internal Drawing

**Note: The Filter Division parts identification chart above is for reference information only. For part numbers other than those listed in this catalog, please contact our Applications Engineering Dept.**