

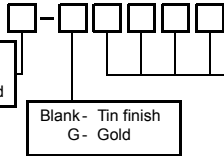
Solder Mounted Feedthrough Capacitors

DCS

Ordering Information

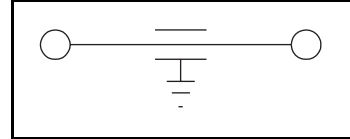
e.g. **DCS204N**

Blank - Seal positioning per outline drawing
Z - Seal positions reversed



Capacitance, e.g.
100 pf = 100P
2700 pf = 02N7

Circuit Diagram

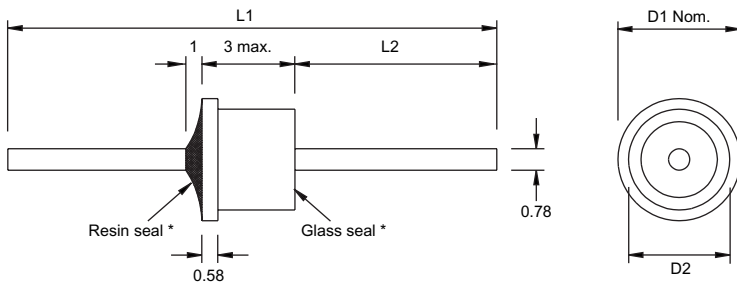


Environmental Classification 55/125/56

For Test Conditions see page 63

Case Dimensions

All dimensions maximum unless otherwise stated, in millimetres.



* Available with Glass/Resin Seal Positions Reversed – See Ordering Information

Voltage Rating

DCS# _ _ _ _			
#	-55°C to +85°C V d.c.	-55°C to +125°C V d.c.	-55°C to +125°C V a.c. 400 Hz
2	70	60	—
4	100	87	62
5	150	130	90
7	300	260	185

Case Diameter

DCS _ # # _ _					
# #	D1 Nom.	D2 Max.	L1	L2	Seal
04	4.1	3.3	15.9 +0 -2	6.4 ± 0.4	Hermetic
21	6.4	5.7	10.9 ± 0.9	3.9 ± 0.4	Non Hermetic
74	4.1	3.3	15.9 +0 -2	6.4 ± 0.4	Non Hermetic

Characteristics

Part Number	Rated Current (Amps)	Min. Cap. (pF)	Min IR (GΩ)	Typical Insertion Loss (db) at Full Load Current -55°C to +125°C			
				10 MHz	100 MHz	1 GHz	10 GHz
DCS204N-100P	10	100	5	-	3	20	28
DCS204N-500P	10	500	5	-	13	30	40
DCS204N-01N2	10	1200	5	3	20	37	45
DCS204N-02N7	10	2700	5	9	25	40	50
DCS204N-05N0	10	5000	5	14	30	45	55
DCS421N-22P0	10	22	5	-	-	6	23
DCS421N-47P0	10	47	5	-	-	11	28
DCS421N-100P	10	100	5	-	3	20	28
DCS421N-330P	10	330	5	-	12	30	48
DCS421N-470P	10	470	5	-	13	32	50
DCS421N-680P	10	680	5	-	16	34	50
DCS421N-01N0	10	1000	5	2	19	36	53
DCS421N-02N2	10	2200	5	8	26	42	58
DCS421N-03N3	10	3300	5	11	29	44	60
DCS421N-04N7	10	4700	5	13	32	44	60
DCS421N-06N8	10	6800	5	17	35	45	60
DCS421N-10N0	10	10000	5	20	39	46	60
DCS504N-100P	10	100	5	-	3	20	28
DCS504N-500P	10	500	5	-	13	35	50
DCS504N-01N2	10	1200	5	3	20	37	45
DCS504N-02N7	10	2700	5	9	25	40	50
DCS704N-100P	10	100	5	-	3	20	28
DCS704N-500P	10	500	5	-	13	30	40
DCS704N-01N2	10	1200	5	3	20	35	45

Note: All units in 04 case also available in case size 74