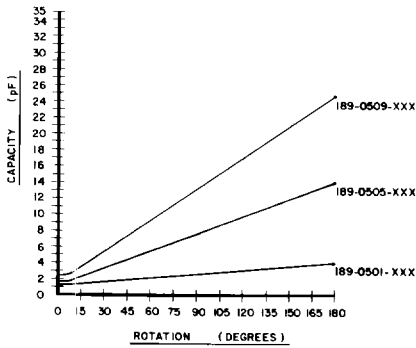
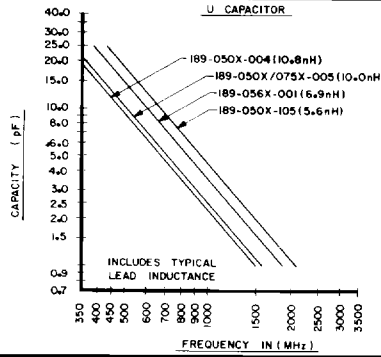


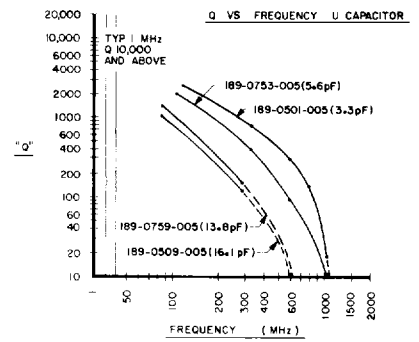
CAPACITY vs. ROTATION U CAPACITOR



CAPACITY VS. SERIES SELF RESONANT FREQUENCY U CAPACITOR



Q VS. FREQUENCY U CAPACITOR

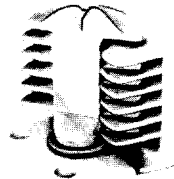


CAPACITORS

Vertical PC Mount

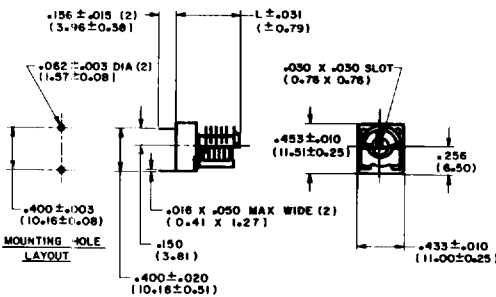
SPECIFICATIONS

Torque: 2.5-10.0 oz. in. (180-720 gm.cm.)
 Working Voltage: See chart †
 Insulation Resistance: 10⁶ megohm
 Q Factor: 2000 at 1 MHz
 Operating Temperature: -55°C to +125°C
 Temperature Coefficient: +45 ± 15 ppm/°C
 Nominal Air Gap: .010" (0.25mm)



FEATURES:

- Low loss ceramic base for stability
- Silver plated machined plates

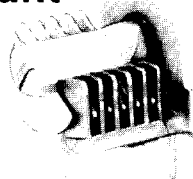


PART NO.	MARKING	NOMINAL CAPACITY(pF)		GUARANTEED CAPACITY(pF)		TOTAL PLATES	LENGTH " (mm)	WORKING VOLTAGE†
		MINIMUM +10% +.2pF /-100%	MAX. ±10%	MAX./MIN.	MIN./MAX.			
189-0501-005	189-501-5	1.2	4.2	1.52	3.78	4	.422(10.72)	325VDC
189-0502-005	189-502-5	1.3	6.7	1.63	6.03	6	.469(11.91)	325VDC
189-0503-005	189-503-5	1.4	9.2	1.74	8.28	8	.516(13.11)	325VDC
189-0504-005	189-504-5	1.5	11.6	1.85	10.44	10	.563(14.30)	325VDC
189-0505-005	189-505-5	1.7	14.1	2.07	12.69	12	.609(15.47)	325VDC
189-0506-005	189-506-5	1.8	16.7	2.18	15.03	14	.673(17.09)	325VDC
189-0507-005	189-507-5	2.0	19.3	2.40	17.37	16	.719(18.26)	250VDC
189-0508-005	189-508-5	2.2	21.9	2.62	19.71	18	.766(19.46)	250VDC
189-0509-005	189-509-5	2.4	24.5	2.84	22.05	20	.813(20.65)	250VDC

Horizontal PC Mount

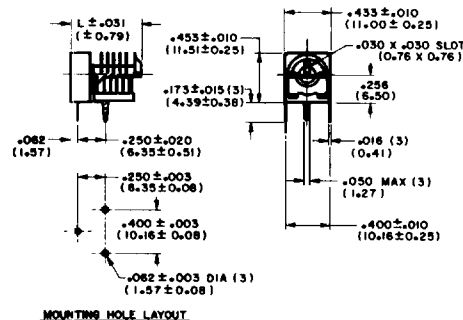
SPECIFICATIONS

Torque: 2.5-10.0 oz. in. (180-720 gm.cm.)
 Working Voltage: See chart †
 Insulation Resistance: 10⁶ megohm
 Q Factor: 2000 at 1 MHz
 Operating Temperature: -55°C to +125°C
 Temperature Coefficient: +45 ± 15 ppm/°C
 Nominal Air Gap: .010" (0.25mm)



FEATURES:

- Low loss ceramic base for stability
- Silver plated machined plates



PART NO.	MARKING	NOMINAL CAPACITY(pF)		GUARANTEED CAPACITY(pF)		TOTAL PLATES	LENGTH " (mm)	WORKING VOLTAGE†
		MINIMUM +10% +.2pF /-100%	MAX. ±10%	MAX./MIN.	MIN./MAX.			
189-0503-105	189-503-105	1.4	9.2	1.94	8.28	8	.484(12.29)	325VDC
189-0504-105	189-504-105	1.5	11.6	2.05	10.44	10	.531(13.49)	325VDC
189-0505-105	189-505-105	1.7	14.1	2.27	12.69	12	.578(14.68)	325VDC
189-0506-105	189-506-105	1.8	16.7	2.38	15.03	14	.641(16.28)	325VDC
189-0507-105	189-507-105	2.0	19.3	2.60	17.37	16	.688(17.48)	250VDC
189-0508-105	189-508-105	2.2	21.9	2.82	19.71	18	.734(18.64)	250VDC
189-0509-105	189-509-105	2.4	24.5	3.04	22.05	20	.781(19.84)	250VDC

E.F. JOHNSON COMPANY, Components, 299 Johnson Ave., P.O. Box 1249, Waseca, MN 56903-0514
 TELEPHONE: 1-507-835-6281 CALL TOLL FREE: 1-800-247-8256, Ext. 6281 FAX: 1-507-835-6287

† Avoid use: injury due to misapplication.
 See safety advisory and definitions, page H-1.