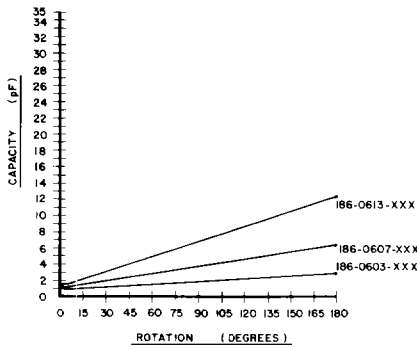
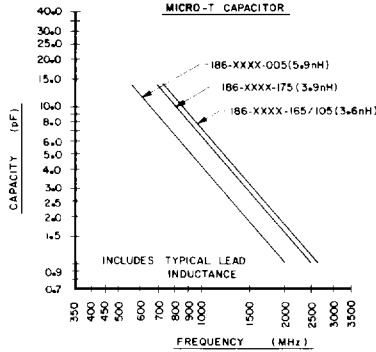


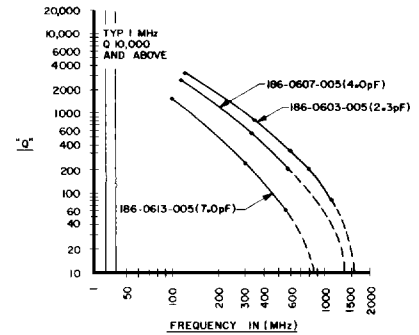
CAPACITY vs ROTATION MICRO-T CAPACITOR



CAPACITY VS SERIES SELF RESONANT FREQUENCY MICRO-T CAPACITOR



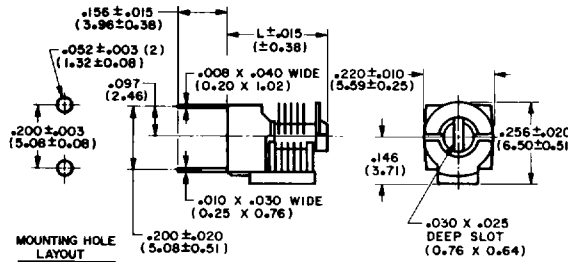
Q VS FREQUENCY MICRO T CAPACITOR



## Vertical PC Mount

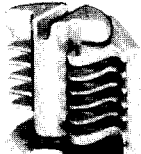
### SPECIFICATIONS

Torque: 0.3-3.5 oz. in. (22-252 gm.cm.)  
 Working Voltage: 100 VDC †  
 Insulation Resistance: 10<sup>5</sup> megohm  
 Q Factor: 2000 at 1 MHz  
 Operating Temperature: -55°C to +125°C  
 Temperature Coefficient: +45 ± 45 ppm/°C  
 Nominal Air Gap: .006" (0.15mm)



### FEATURES:

- Low loss ceramic base for stability
- Mounting same as Micro-J<sup>®</sup> series
- Stator attachment with high temperature solder (232°C)
- Silver plated machined plates

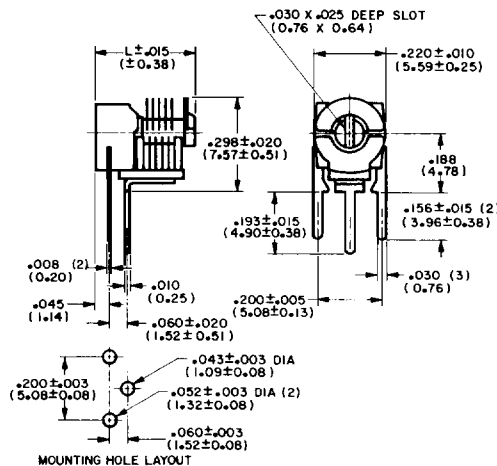


PART NUMBER	MARKING	NOMINAL CAPACITY (pF)		GUARANTEED CAPACITY (pF)		TOTAL PLATES	LENGTH" (mm)
		MINIMUM +20%/-100%	MAXIMUM ±20%	MAX./MIN.	MIN./MAX.		
186-0603-005	M6035	1.0	3.0	1.20	2.40	6	.302 (7.67)
186-0607-005	M6075	1.2	6.5	1.44	5.20	12	.386 (9.80)
186-0613-005	M6135	1.5	12.7	1.80	10.16	24	.554 (14.07)

## Horizontal PC Mount

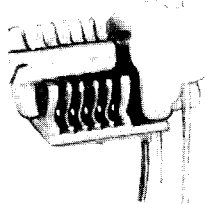
### SPECIFICATIONS

Torque: 0.3-3.5 oz. in. (22-252 gm.cm.)  
 Working Voltage: 100 VDC †  
 Insulation Resistance: 10<sup>5</sup> megohm  
 Q Factor: 2000 at 1 MHz  
 Operating Temperature: -55°C to +125°C  
 Temperature Coefficient: +45 ± 45 ppm/°C  
 Nominal Air Gap: .006" (0.15mm)



### FEATURES:

- Low loss ceramic base for stability
- Mounting same as Micro-J<sup>®</sup> series
- Stator attachment with high temperature solder (232°C)
- Silver plated machined plates



PART NUMBER	MARKING	NOMINAL CAPACITY (pF)		GUARANTEED CAPACITY (pF)		TOTAL PLATES	LENGTH" (mm)
		MINIMUM +20%/-100%	MAXIMUM ±20%	MAX./MIN.	MIN./MAX.		
186-0603-105	M603105	1.0	3.0	1.20	2.40	6	.302 (7.67)
186-0607-105	M607105	1.2	6.5	1.44	5.20	12	.386 (9.80)
186-0613-105	M613105	1.5	12.7	1.80	10.16	24	.554 (14.07)