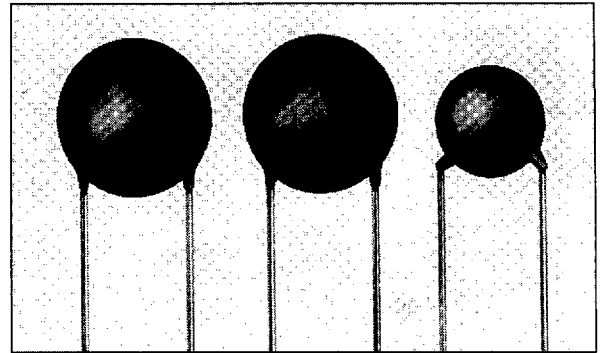


LEADED

## SEMICONDUCTOR TYPE

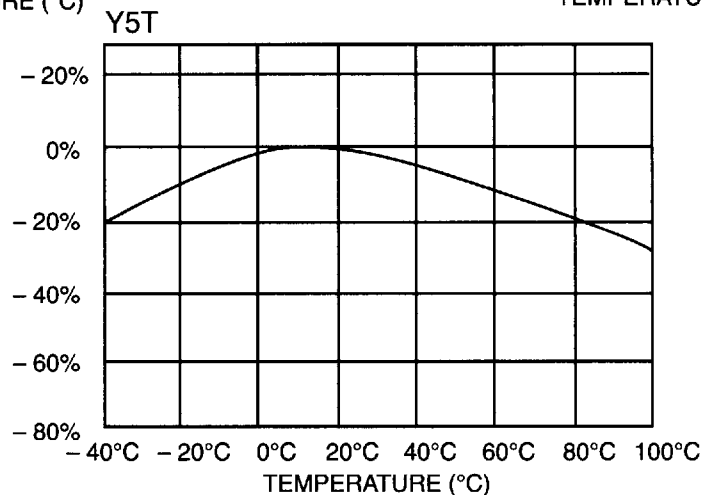
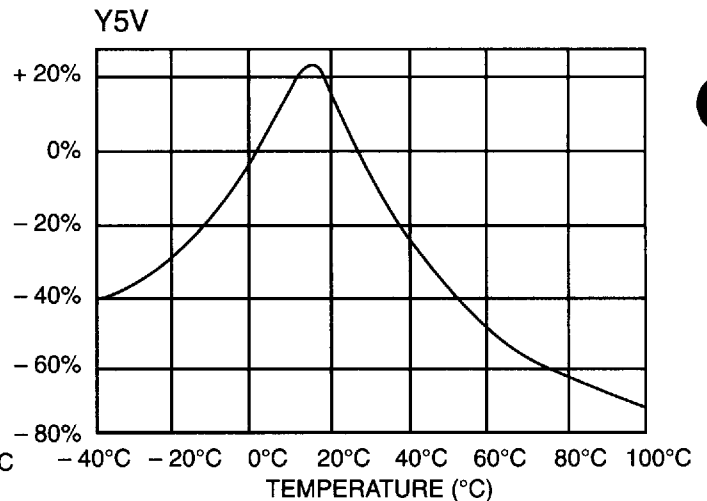
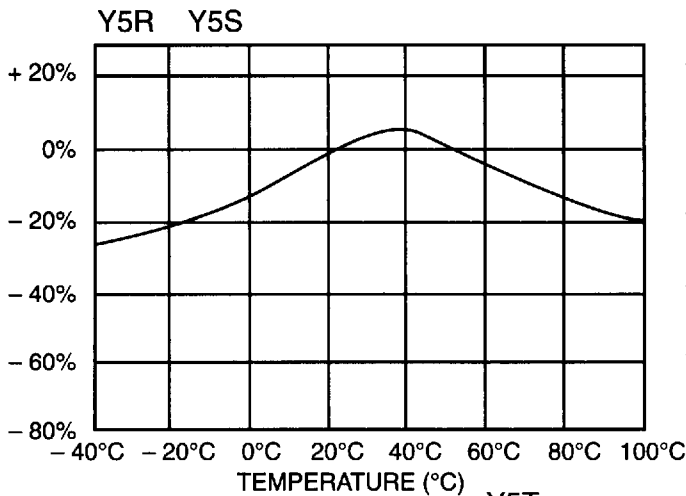
- STABLE TEMPERATURE CHARACTERISTICS
- HIGH VOLUMETRIC EFFICIENCY
- ECONOMICALLY PRICED
- AVAILABLE WITH FORMED LEADS AND ON TAPE FOR AUTOMATIC INSERTION

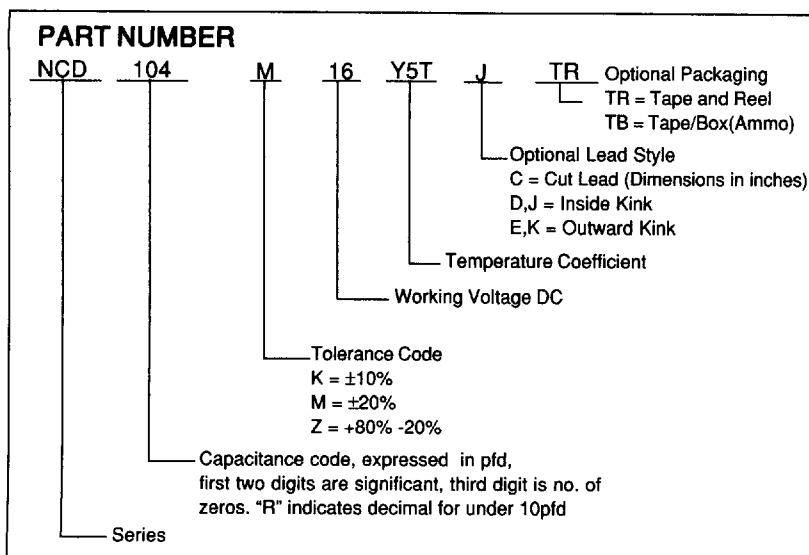


## SPECIFICATIONS

Temperature Characteristics	Y5R	Y5S	Y5T	Y5V
Operating Temperature Range	-30 ~ +85°C			
Capacitance Change Over Temperature Range	±20%	±22%	+22% -33%	+20% -82%
Standard Tolerance	M=±20%	M=±20%	M=±20%	M=±20%
Dissipation Factor	Maximum 8%			
Insulation Resistance	12 Vdc = .004MΩ		16 Vdc = 1MΩ	
Dielectric Withstanding Voltage	1.25 Times Rated Voltage for Not Less Than 1 Second			
Test Conditions	1 KHz, 0.5 ±0.1Vrms, 25°C ±2°C			

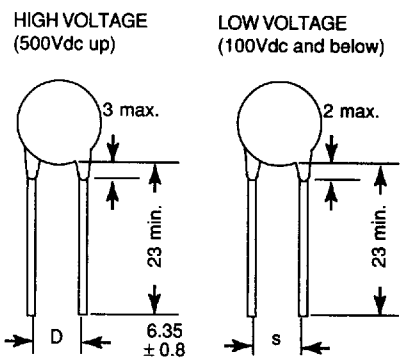
## PERCENT OF CAPACITANCE CHANGE



**LEADED**


## DIMENSIONS IN mm

### STANDARD



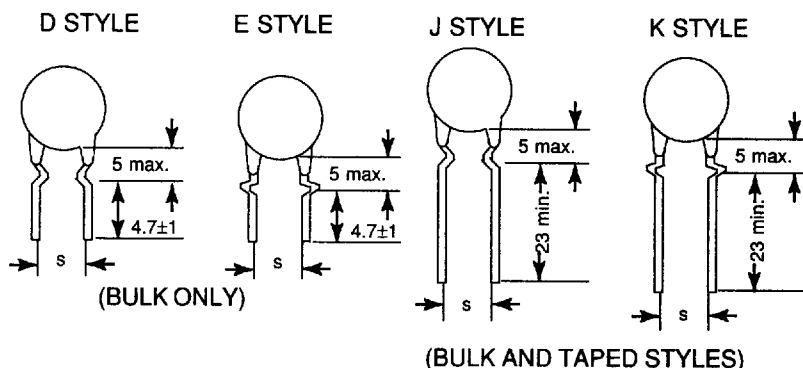
### LEAD SPACING (S):

BODY DIAMETERS: 5MM ~ 11MM  
**STANDARD BULK: 6.35MM ± 0.8MM**  
 OPTIONAL BULK: 5.0MM ± 0.8MM

BODY DIAMETERS: 12MM AND UP  
**STANDARD BULK: 6.35MM ± 0.8MM**  
 OPTIONAL #1 BULK: 7.5MM ± 0.8MM  
 OPTIONAL #2 BULK: 10 ± 0.8MM

BODY DIAMETERS: ALL  
**STANDARD TAPED PRODUCT: 5.0MM**  
 OPTIONAL TAPED PRODUCT: 2.5MM (CONSULT NIC)

### OPTIONAL LEAD STYLES



### LEAD DIAMETER

0.6MM IS STANDARD

### BODY THICKNESS

2 ~ 4MM DEPENDENT ON CV

### STANDARD PRODUCTS AND MAXIMUM DIAMETER (mm) BY T.C. AND VOLTAGE

Cap. PFD/MFD	Y5R/Y5S				Y5T				Y5V			
	12VDC	16VDC	25VDC	50VDC	12VDC	16VDC	25VDC	50VDC	12VDC	16VDC	25VDC	50VDC
.01	6	6	6	6	6	6	6	6	5	5	5	5
.022	7	7	7	7	7	7	7	8	6	6	6	6
.033	7	7	7	7	7	7	7	9	6	6	6	7
.047	9	9	9	9	7	7	7	9	6	6	6	7
.068	10	10	10	10	8	8	8	12	7	7	7	7
.1	10	10	10	12	10	10	10	12	7	7	7	8
.22									10	10	10	

NIC RESERVES THE RIGHT TO REQUEST MINIMUM QUANTITIES ON CERTAIN VALUES

