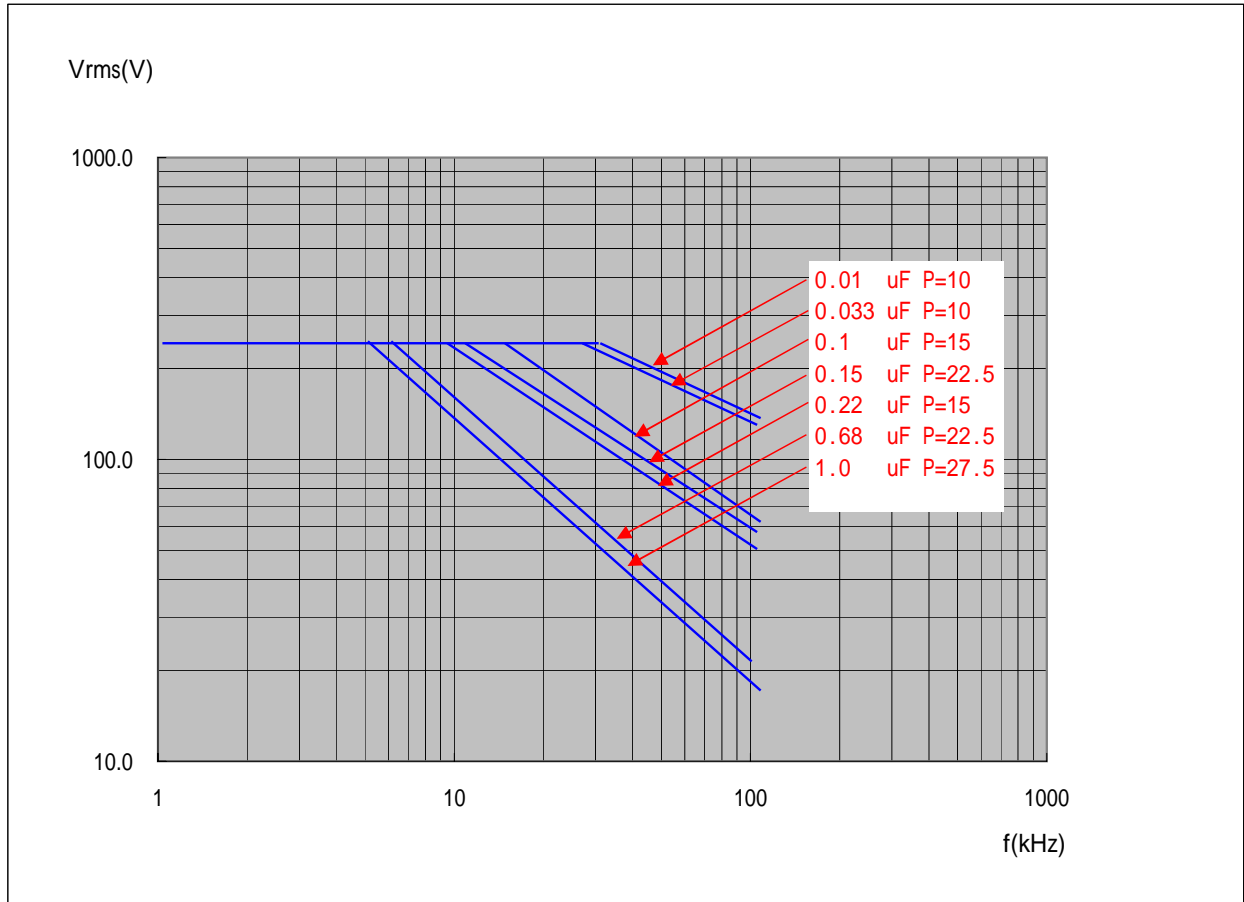


MP3S Series, Metallized Polypropylene film capacitors.

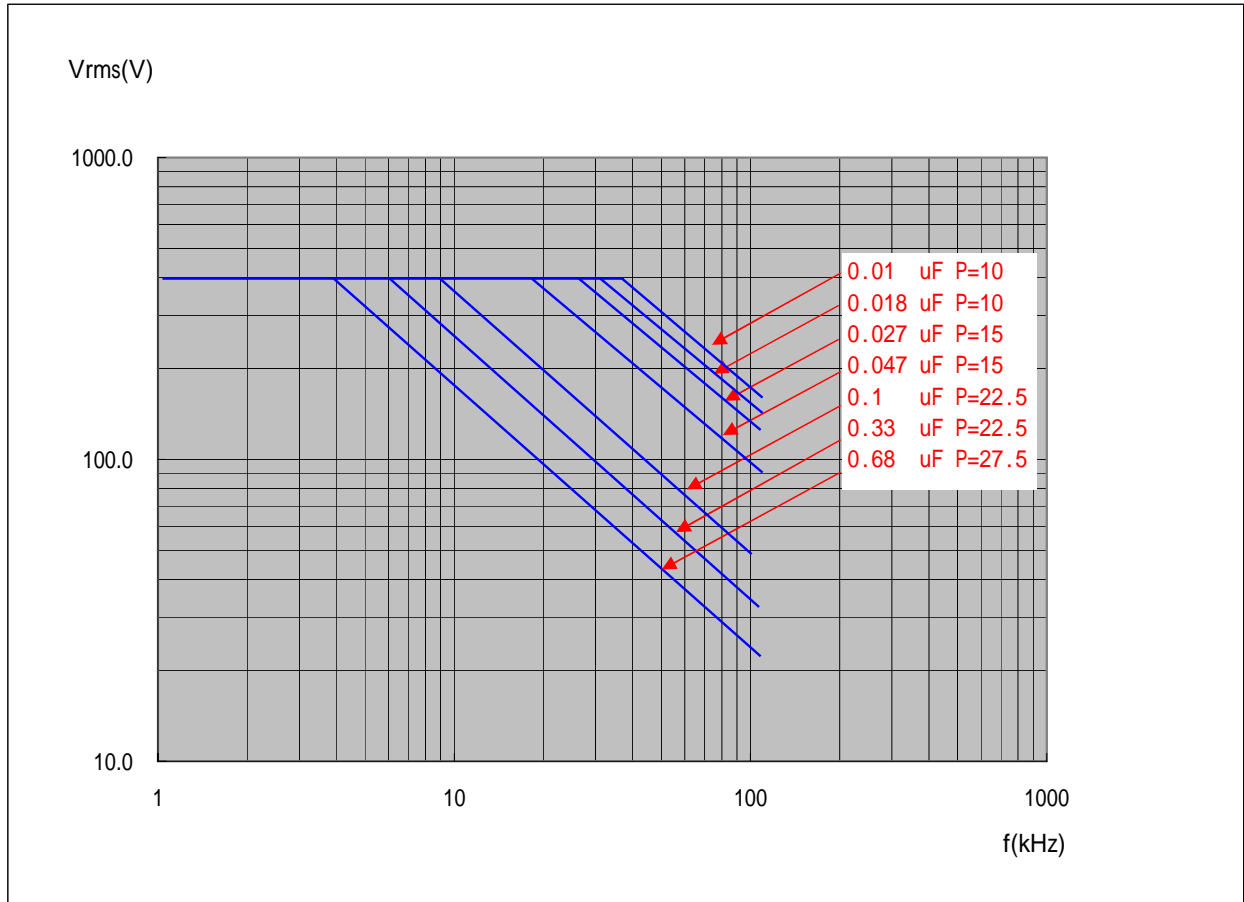
RATED Voltage (Vrms) VERSUS FREQUENCY 400VDC/250VAC



HUA JUNG COMPONENTS CO., LTD.

MP3S Series, Metallized Polypropylene film capacitors.

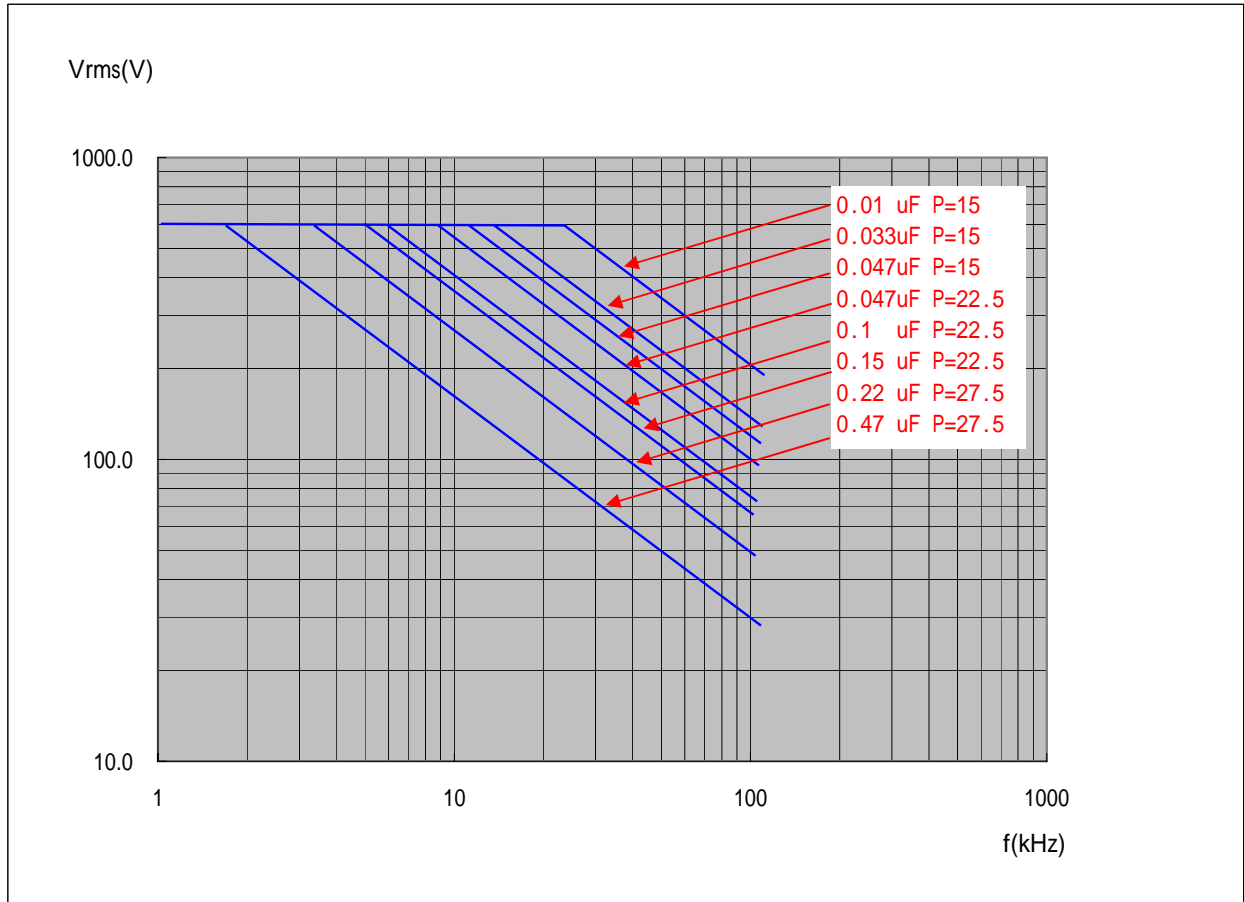
RATED Voltage (Vrms) VERSUS FREQUENCY 630VDC/400VAC



HUA JUNG COMPONENTS CO., LTD.

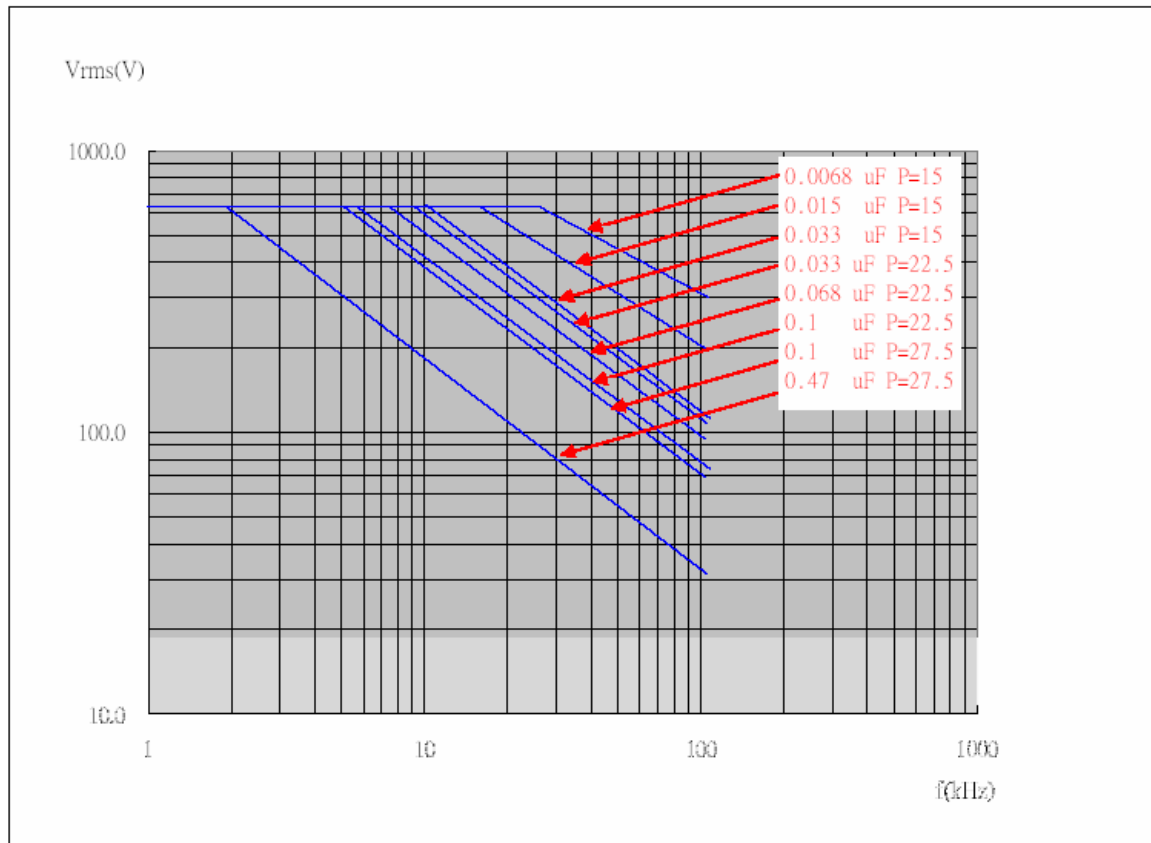
MP3S Series, Metallized Polypropylene film capacitors.

RATED Voltage (Vrms) VERSUS FREQUENCY 1000VDC/600VAC



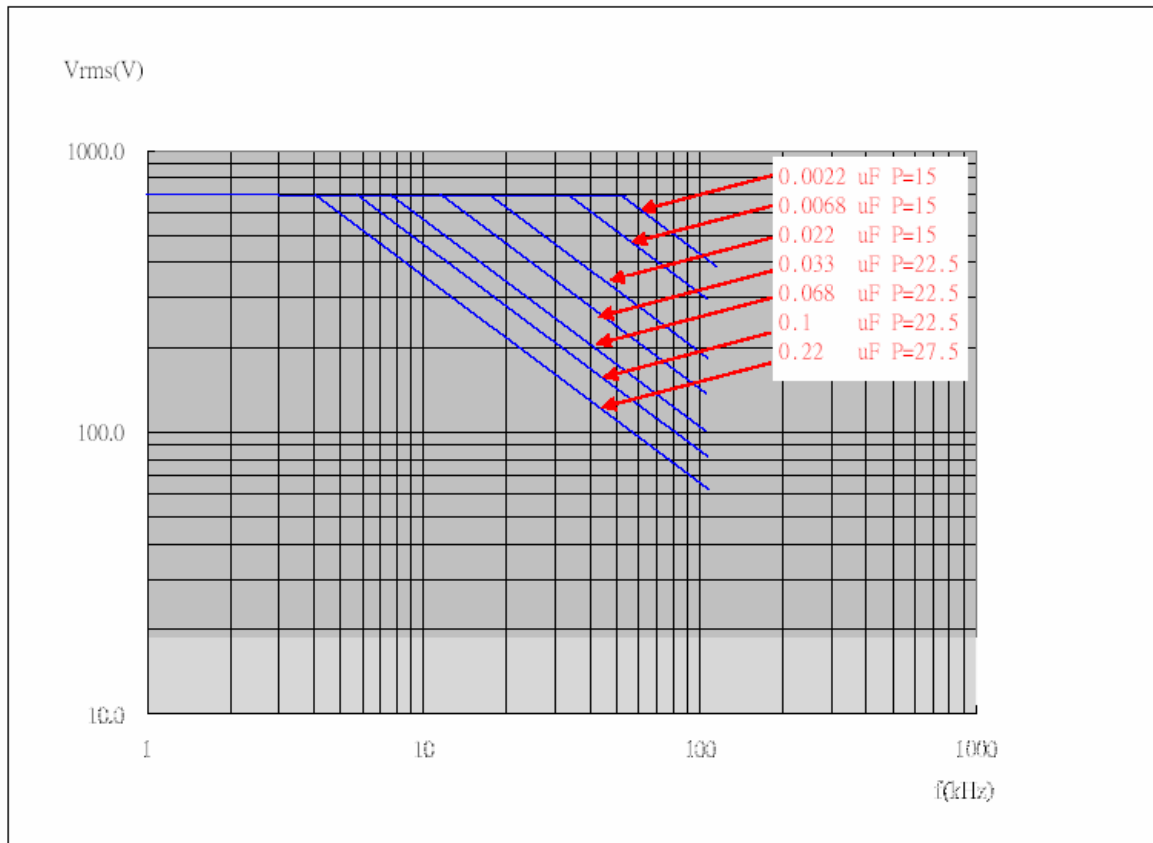
MP3S Series, Metallized Polypropylene film capacitors.

RATED Voltage (Vrms) VERSUS FREQUENCY 1600VDC/650VAC



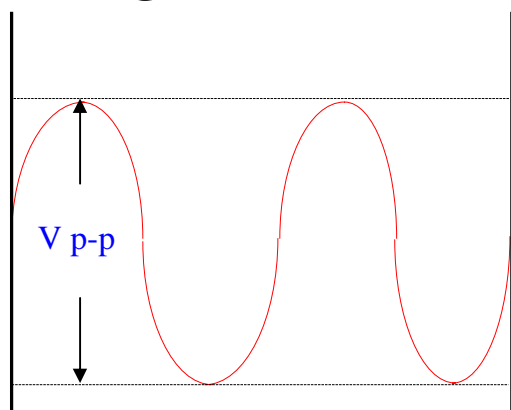
MP3S Series, Metallized Polypropylene film capacitors.

RATED Voltage (Vrms) VERSUS FREQUENCY 2000VDC/700VAC

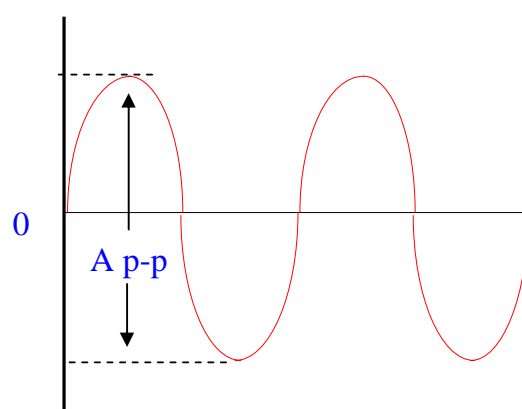


Current (Arms) of MP3S 400VDC/250VAC

Voltage wave form :



Current wave form :



適用溫度 : -40 T 85

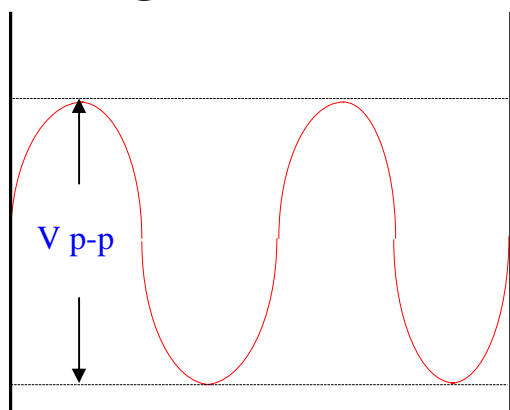
電容溫升 : T 8

unit : Arms (MAX.)

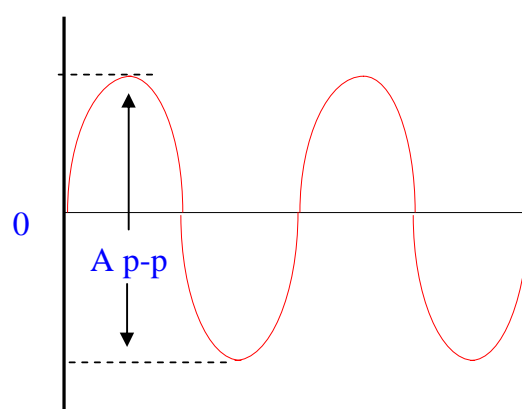
| CAP (μ F) | 15.75 KHz | 35 KHz | 45 KHz | 65 KHz | 80 KHz | 100 KHz |
|---------------------|--------------|-----------|-----------|-----------|-----------|------------|
| 0.01 μ F P=10 | 0.25 | 0.44 | 0.51 | 0.64 | 0.72 | 0.85 |
| 0.022 μ F P=10 | 0.52 | 0.81 | 0.87 | 0.98 | 1.04 | 1.11 |
| 0.033 μ F P=10 | 0.82 | 1.55 | 1.80 | 2.20 | 2.40 | 2.70 |
| 0.1 μ F P=15 | 2.25 | 3.00 | 3.20 | 3.65 | 3.90 | 4.20 |
| 0.15 μ F P=22.5 | 2.80 | 3.60 | 4.00 | 4.40 | 4.90 | 5.10 |
| 0.22 μ F P=15 | 3.90 | 5.00 | 5.50 | 6.20 | 6.80 | 7.20 |
| 0.68 μ F P=15 | 6.53 | 7.53 | 8.07 | 8.69 | 9.03 | 9.41 |
| 0.68 μ F P=22.5 | 6.90 | 8.20 | 9.00 | 9.50 | 10.00 | 10.50 |
| 1.0 μ F P=27.5 | 8.10 | 9.90 | 10.70 | 11.70 | 12.50 | 13.00 |

Current (Arms) of MP3S 630VDC/400VAC

Voltage wave form :



Current wave form :



適用溫度 : -40 T 85

電容溫升 : T 8

unit : Arms (MAX.)

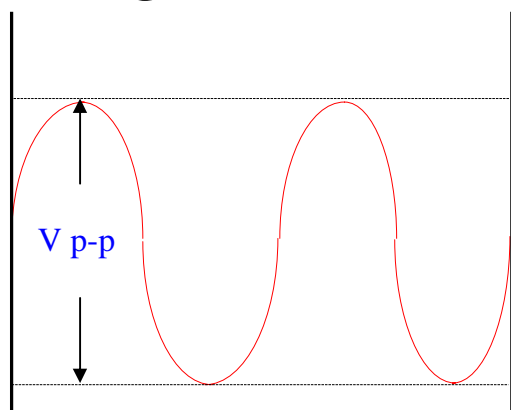
| CAP (μ F) | 15.75 KHz | 35 KHz | 45 KHz | 65 KHz | 80 KHz | 100 KHz |
|--------------------------------------|--------------|-----------|-----------|-----------|-----------|------------|
| 0.01 μF P=10 | 0.40 | 0.71 | 0.80 | 0.91 | 0.98 | 1.05 |
| 0.012 μF P=10 | 0.42 | 0.75 | 0.85 | 0.95 | 1.02 | 1.13 |
| 0.015 μF P=10 | 0.58 | 0.89 | 0.99 | 1.15 | 1.20 | 1.30 |
| 0.018 μF P=10 | 0.73 | 1.15 | 1.30 | 1.50 | 1.62 | 1.80 |
| 0.022 μF P=10 | 0.80 | 1.30 | 1.50 | 1.80 | 1.90 | 2.00 |
| 0.027 μF P=15 | 1.10 | 1.85 | 2.05 | 2.30 | 2.45 | 2.60 |
| 0.033 μF P=15 | 1.15 | 1.90 | 2.10 | 2.40 | 2.60 | 2.70 |
| 0.047 μF P=15 | 1.80 | 2.20 | 2.40 | 2.60 | 2.80 | 3.05 |
| 0.068 μF P=15 | 1.90 | 2.40 | 2.50 | 2.80 | 3.00 | 3.11 |
| 0.082 μF P=15 | 2.40 | 3.15 | 3.40 | 3.90 | 4.20 | 4.60 |
| 0.1 μF P=15 | 2.70 | 3.60 | 3.95 | 4.50 | 4.90 | 5.25 |
| 0.22 μF P=27.5 | 4.75 | 5.70 | 6.00 | 6.40 | 6.70 | 7.05 |
| 0.33 μF P=22.5 | 5.50 | 6.20 | 6.50 | 6.80 | 6.95 | 7.20 |
| 0.47 μF P=27.5 | 6.50 | 7.50 | 7.80 | 8.35 | 8.60 | 9.00 |
| 0.68 μF P=27.5 | 8.00 | 9.00 | 9.20 | 9.70 | 10.00 | 10.40 |

HUA JUNG COMPONENTS CO., LTD.

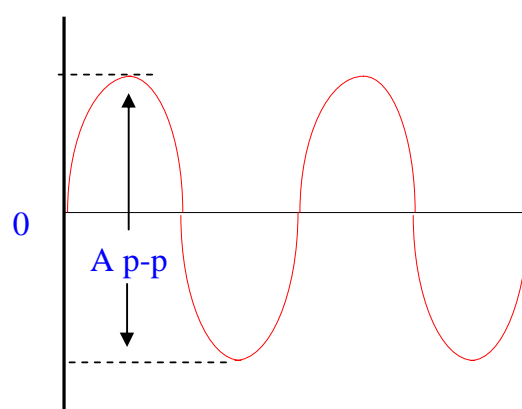
CORRECTION RESEARCH DEVELOP DEPARTMENT

Current (Arms) of MP3S 1000VDC/600VAC

Voltage wave form :



Current wave form :



適用溫度 : -40 T 85

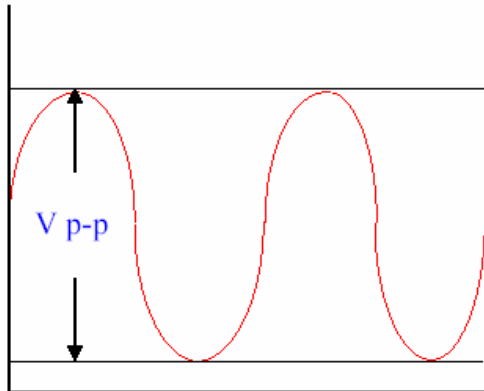
電容溫升 : T 8

unit : Arms (MAX.)

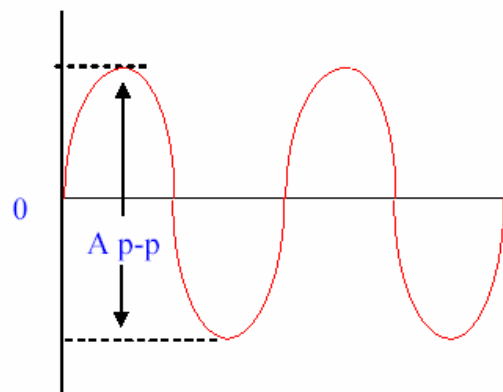
| CAP (μ F) | 15.75 KHz | 35 KHz | 45 KHz | 65 KHz | 80 KHz | 100 KHz |
|----------------------|--------------|-----------|-----------|-----------|-----------|------------|
| 0.01 μ F P=15 | 0.61 | 0.88 | 0.96 | 1.10 | 1.20 | 1.30 |
| 0.033 μ F P=15 | 1.60 | 2.10 | 2.25 | 2.55 | 2.70 | 2.92 |
| 0.047 μ F P=15 | 2.00 | 2.60 | 2.85 | 3.20 | 3.45 | 3.73 |
| 0.047 μ F P=22.5 | 1.75 | 2.20 | 2.45 | 2.70 | 2.90 | 3.10 |
| 0.1 μ F P=22.5 | 3.40 | 3.90 | 4.10 | 4.40 | 4.60 | 4.76 |
| 0.15 μ F P=22.5 | 5.25 | 5.55 | 5.70 | 5.80 | 5.90 | 6.00 |
| 0.22 μ F P=27.5 | 5.60 | 5.90 | 6.00 | 6.20 | 6.30 | 6.35 |
| 0.47 μ F P=27.5 | 6.81 | 7.22 | 7.40 | 7.60 | 7.69 | 7.80 |

Current (Arms) of MP3S 1600VDC/650VAC

Voltage wave form :



Current wave form :



適用溫度: $-40^{\circ}\text{C} \leq T \leq 85^{\circ}\text{C}$

電容溫升: $\Delta T \leq 8^{\circ}\text{C}$

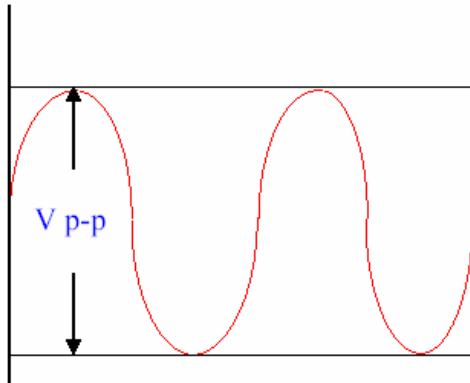
M

unit : Arms (MAX.)

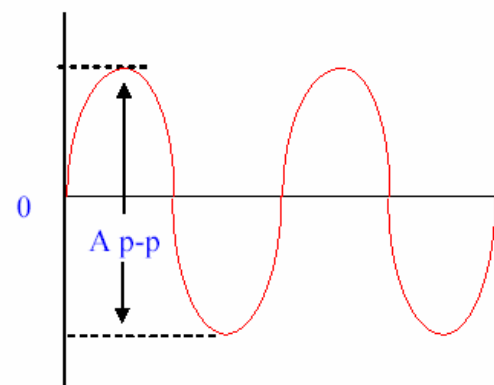
| CAP (μF) | 15.75 KHz | 35 KHz | 45 KHz | 65 KHz | 80 KHz | 100 KHz |
|--------------------------|--------------|-----------|-----------|-----------|-----------|------------|
| 0.0068 uF P=15 | 0.44 | 0.74 | 0.85 | 1.07 | 1.20 | 1.40 |
| 0.015 uF P=15 | 0.90 | 1.27 | 1.40 | 1.65 | 1.80 | 2.00 |
| 0.033 uF P=15 | 1.06 | 1.45 | 1.60 | 1.85 | 2.03 | 2.20 |
| 0.033 uF P=22.5 | 1.30 | 1.70 | 1.88 | 2.13 | 2.30 | 2.50 |
| 0.068 uF P=22.5 | 2.52 | 3.15 | 3.35 | 3.70 | 3.95 | 4.20 |
| 0.1 uF P=22.5 | 2.70 | 3.35 | 3.60 | 3.95 | 4.20 | 4.45 |
| 0.1 uF P=27.5 | 3.10 | 3.70 | 4.00 | 4.35 | 4.60 | 4.80 |
| 0.22 uF P=27.5 | 4.85 | 5.85 | 6.10 | 6.60 | 6.95 | 7.30 |
| 0.47 uF P=27.5 | 6.90 | 7.70 | 7.90 | 8.40 | 8.60 | 8.80 |

Current (Arms) of MP3S 2000VDC/700VAC

Voltage wave form :



Current wave form :



適用溫度: $-40^{\circ}\text{C} \leq T \leq 85^{\circ}\text{C}$

電容溫升: $\Delta T \leq 8^{\circ}\text{C}$

unit : Arms (MAX.)

| CAP (μF) | 15.75 KHz | 35 KHz | 45 KHz | 65 KHz | 80 KHz | 100 KHz |
|--------------------------|--------------|-----------|-----------|-----------|-----------|------------|
| 0.0022 uF P=15 | 0.16 | 0.32 | 0.36 | 0.43 | 0.47 | 0.52 |
| 0.0033 uF P=15 | 0.26 | 0.40 | 0.46 | 0.56 | 0.63 | 0.71 |
| 0.0068 uF P=15 | 0.48 | 0.83 | 0.93 | 1.10 | 1.22 | 1.35 |
| 0.022 uF P=15 | 1.40 | 1.80 | 2.00 | 2.25 | 2.40 | 2.58 |
| 0.033 uF P=22.5 | 1.68 | 2.10 | 2.25 | 2.50 | 2.65 | 2.82 |
| 0.047 uF P=22.5 | 2.20 | 2.80 | 3.00 | 3.40 | 3.60 | 3.85 |
| 0.068 uF P=22.5 | 2.70 | 3.40 | 3.60 | 4.00 | 4.30 | 4.65 |
| 0.1 uF P=27.5 | 3.20 | 3.95 | 4.20 | 4.60 | 4.80 | 5.10 |
| 0.22 uF P=27.5 | 5.50 | 6.60 | 6.90 | 7.50 | 7.90 | 8.20 |
| | | | | | | |