

## Miniature Style Resistors

### CRS, MFS, MOS Series

1/4WS , 1/2WS , 1WS , 2WS , 3WS , 5WS

\*CR-25S , CR-50S , CR-100S , CR-200S

\*MF-25S , MF-50S , MF100S , MF-200S

\*MO-50S , MO-100S , MO-200S , MO-300S , MO-500S

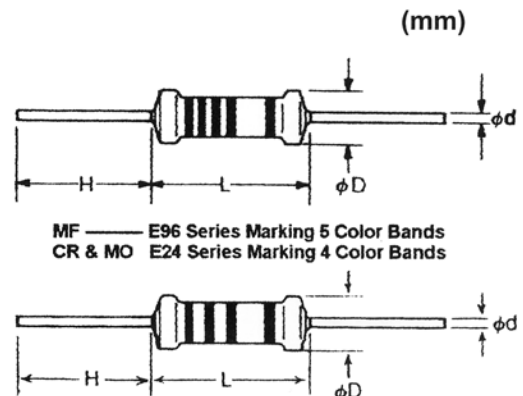
### INTRODUCTION

Small Size Type Film Resistors offer excellent performance in applications where stability and uniformity of characteristics are desired. They provide smaller size for PC board application with high performance and precision to replace Wire-Wound resistors and high power resistors. Miniature (Small Size) meet overload tests in accordance with UL specification #1412 without producing a fire hazard. (UL 1412 is the standard for fusing resistors and temperature-limited resistors)

### FEATURES

- Low cost, high performance.
- High power with small size for significant space savings.
- Complete flameproof construction. High surge/overload capability.
- Excellent long-term stability.

### DIMENSIONS



### DIMENSIONS & SPECIFICATIONS

STYLE	DIMENSION (mm)				POWER RATING	MAXIMUM WORKING VOLTAGE			MAXIMUM OVERLOAD VOLTAGE			RESISTANCE RANGE
	L	φD	H	φd		CR	MF	MO	CR	MF	MO	
CR-25S, MF-25S	3.3±0.4	1.8±0.3	28±2	0.45±0.05	1/4W	250	200	—	500	400	—	THE SAME TO EACH TYPE FILM RESISTOR
CR-50S, MF-50S, MO-50S	6.3±0.5	2.3±0.3	28±2	0.55±0.05	1/2W ; 0.6W	350	250	250	700	500	400	THE SAME TO EACH TYPE FILM RESISTOR
CR-100S, MF-100S, MO-100S	9±0.5	3.2±0.5	26±2	0.60±0.05	1W	500	350	350	1000	700	600	THE SAME TO EACH TYPE FILM RESISTOR
CR-200S, MF-200S, MO-200S	11.5±1.0	4.5±0.5	35±3	0.80±0.05	2W	500	500	350	1000	1000	600	THE SAME TO EACH TYPE FILM RESISTOR
MO-300S	15.5±1.0	5.0±0.5	35±3	0.80±0.05	3W	—	—	500	—	—	800	THE SAME TO EACH TYPE FILM RESISTOR
MO-500S	17.5±1.0	6.5±1.0	38±3	0.80±0.05	5W	—	—	750	—	—	1000	THE SAME TO EACH TYPE FILM RESISTOR

\* Please refer the other characteristics from each type film resistor.