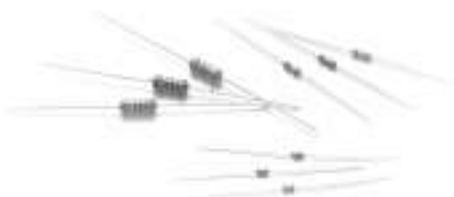


# Metal Film Resistors

# MFR Series

## Normal & Miniature Style



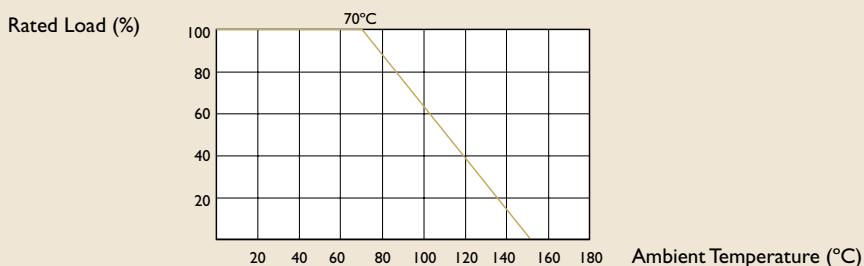
### INTRODUCTION

The MFR Series Metal Film Resistors are manufactured using vacuum sputtering system to deposit multiple layers of mixed metals and passive materials onto a carefully treated high grade ceramic substrate, the resistors are coated with layers of blue lacquer.

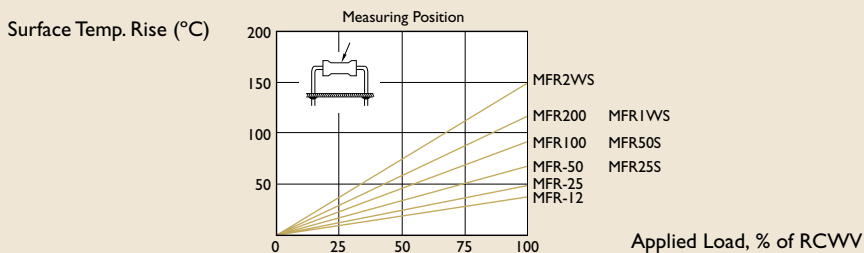
### FEATURES

Power Rating	1/6W, 1/4W, 1/2W, 1W, 2W
Resistance Tolerance	±0.1%, ±0.25%, ±0.5%, ±1%
T.C.R.	±15ppm/°C, ±25ppm/°C, ±50ppm/°C, ±100ppm/°C

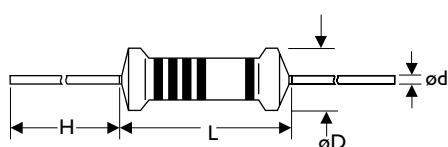
### DERATING CURVE



### HOT-SPOT TEMPERATURE



### DIMENSIONS



Unit : mm

STYLE		DIMENSION			
Normal	Miniature	L	øD	H	ød
MFR-12	MFR25S	3.3±0.4	1.8±0.3	28±2.0	0.5±0.05
MFR-25	MFR50S	6.3±0.5	2.3±0.3	28±2.0	0.6±0.05
MFR-50	MFR1WS	9.0±0.5	3.2±0.5	26±2.0	0.6±0.05
MFR100	MFR2WS	11.5±1.0	4.5±0.5	35±2.0	0.8±0.05
MFR200	-	15.5±1.0	5.0±0.5	33±2.0	0.8±0.05