

## FORMED TYPE

Ordering Procedure: (Ex.: CFR 2W-S, +/-5%, 100Ω, B/B, F1 Type)

<b>C</b>	<b>F</b>	<b>R</b>	<b>0</b>	<b>2</b>	<b>S</b>	<b>J</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>B</b>	<b>F</b>	<b>1</b>
----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

**Resistor Type:**  
 CFR = Carbon Film Fixed Resistors  
 MFR = Metal Film Fixed Resistors  
 MOR = Metal Oxide Film Fixed Resistors  
 FRN = Fusible Resistors  
 KNP = KNP Type Wire-Wound Resistors

**Wattage:**  
 Normal size:  
 W2 = 1/2W  
 1W = 1W  
 2W = 2W  
 3W = 3W  
 5W = 5W  
 Small size:  
 1S = 1W-S  
 2S = 2W-S  
 3S = 3W-S  
 5S = 5W-S

**Resistance Value:**

- E-24 series: the 1<sup>st</sup> digit is "0", the 2<sup>nd</sup> & 3<sup>rd</sup> digits are for the significant figures of the resistance and the 4<sup>th</sup> indicates the number of zeros.
- E-96 series: the 1<sup>st</sup> to 3<sup>rd</sup> digits are significant figures of resistance and the 4<sup>th</sup> digit denotes number of zeros.

**Special Feature:**  
 0 = Standard product  
 F = Non-Flame  
 I = Non-Inductive

**Tolerance:**  
 F = ±1%, G = ±2%,  
 J = ±5%, K = ±10%

**Packing Type:**  
 B = Bulk / Box

**Forming Type:**  
 F0 = F Type, F1 = F1 Type,  
 F2 = F2 Type, F3 = F3 Type

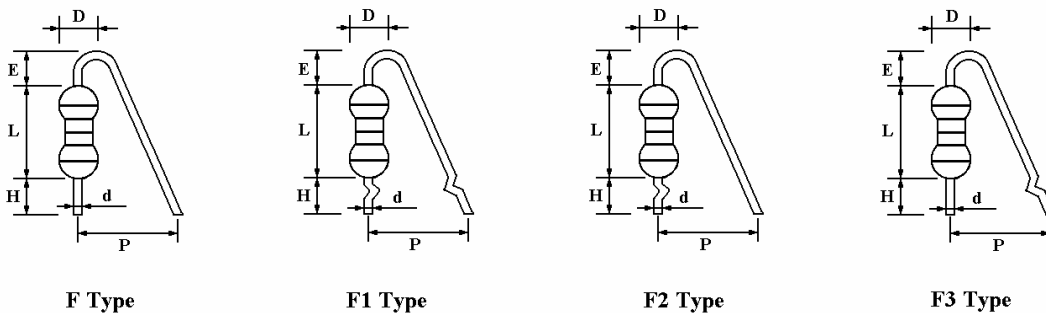
MF = M Type with flattened lead wire  
 MK = M Type with kinked lead wire  
 ML = M Type with normal lead wire

T0 = T Type

\* More explanation of part no, please see details on pages 79-80.

**NOTE:**  
 For Metal Film Fixed Resistors, please follow Part No. system on page 18.

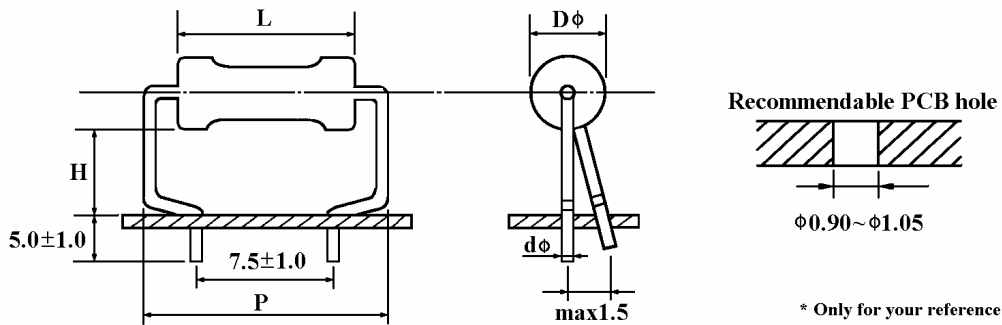
### F Type Series Forming Dimension (mm)



Power Rating at 70°C	Dimension					
	D Max.	L Max.	d ± 0.05	P + 1 - 3	H ± 1	E ± 0.5
1W (2W-S)	5.0	12	0.70	8	6	2.5
2W (3W-S)	5.5	16	0.70	8	6	2.5

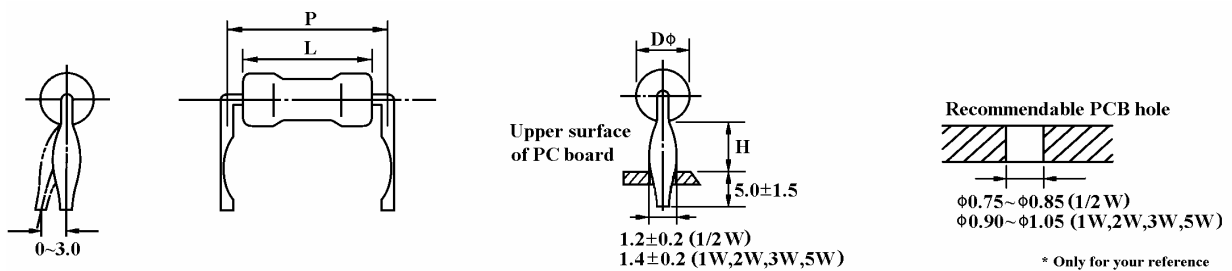
## FORMED TYPE

### T Type Series Forming Dimension (mm)



Power Rating at 70°C	Dimension				
	D Max.	L Max.	$d \pm 0.05$	P Max.	H $\begin{matrix} +1 \\ -0 \end{matrix}$
1W-S	3.5	10	0.70	12.5	8
1W (2W-S)	5.0	12	0.70	15	8
2W (3W-S)	5.5	16	0.70	20	9

### M Type Series Forming Dimension (mm)



Power Rating at 70°C	Normal Size					Small Size				
	D Max.	L Max.	H $\pm 2$	P	$d \pm 0.05$	D Max.	L Max.	H $\pm 2$	P	$d \pm 0.05$
1/2W (0.5W)	3.5	10.0	7	12.5 $\pm 1.5$	0.70					
1W	5.0	12.0	7	15.0 $\pm 1.5$	0.70	3.5	10	7	12.5 $\pm 1.5$	0.70
2W	5.5	16.0	10	20.0 $\pm 2.0$	0.70	5.0	12	7	15.0 $\pm 1.5$	0.70
3W	6.5	17.5	12	25.0 $\pm 2.0$	0.75	5.5	16	10	20.0 $\pm 2.0$	0.70
5W	8.5	26.0	12	31.0 $\pm 2.0$	0.75	8.0	25	12	31.0 $\pm 2.0$	0.75