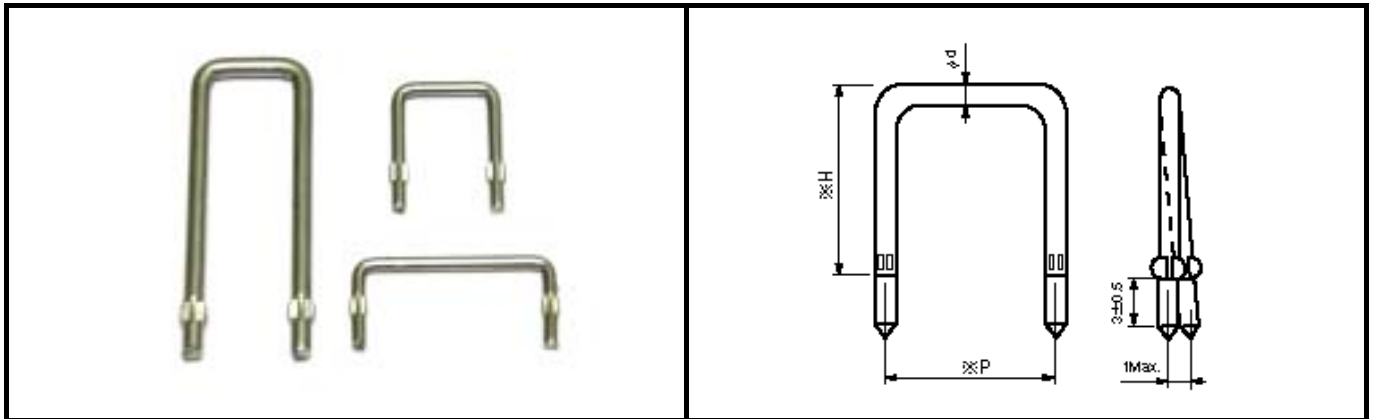


# LR

## CURRENT SENSING RESISTORS



✦ P, H

Approved Standard

### GENERAL SPECIFICATIONS

Type	d Diameter(mm)	(A) Current Range	Resistance Range ( )	Tolerance	Rated Ambient Temp.
LR09	0.9	5.0	20 ~ 40	±5 (J) ±10(K)	+70°C
LR10	1.0	5.5	15 ~ 30		
LR11	1.1	6.0	15 ~ 20		
LR12	1.2	7.0	10 ~ 20		
LR13	1.3	7.5	10 ~ 20		
LR14	1.4	8.0	10 ~ 20		
LR15	1.5	9.0	10 ~ 20		
LR16	1.6	9.5	10 ~ 15		
LR18	1.8	11	5 ~ 10		
LR20	2.0	12	5 ~ 10		
LR23	2.3	14	3 ~ 5		

### CHARACTERISTICS

Test	Conditions & Test method	
1. Operating Temp. Range	-40°C ~ +155°C	
2. Temperature coefficient	±50ppm/°C / ±100ppm/°C Maximum.	
3. Resistance to soldering heat	350°C ± 10°C, 3sec.	
4. Moisture Resistance	±3%	Power rating × 1/10, 40°C, 90% ~ 95% RH, 1000hrs.
5. Load Life	±3%	Rating voltage, 70°C, 1000hrs, 1.5hrs On / 0.5 Off cycle.

### HOW TO ORDER

### DERATING CURVE

**LR16    0.01    10%    P= 10**

**Pitch**