



PRECISION METAL FILM RESISTOR

SUPER MINIATURE TYPE

PART NUMBER DESCRIPTION (for order booking)

MRS50 PS 100K F 100 TR
 Type & Wattage Lead Style Res. Value Res. Tol. TC Package

(1) **Type & Wattage:** Metal film Resistors, super miniature

MRS40 (0.4W) MRS50 (0.5W) MRS60 (0.6W) MRS100 (1W) MRS180 (1.8W)
 MRS300 (3W)

(2) **Lead Style:** PS - Horizontal Type

(3) **Resistance Value:** in Ohm (Ω)

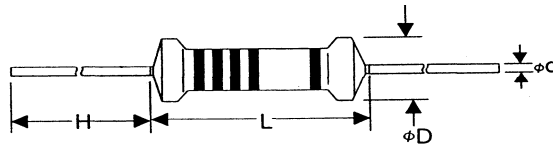
Ohm	0.475	1	4.75	10	100	1000	4750	10000	1000000
Code No.	R475	1	4R75	10	100	1K	4K75	10K	1M

(4) **Resistance Tolerance:** F=±1% G=±2% J=±5%

(5) **Temperature Coefficient:** 50 – 50PPM
 100 – 100PPM

(6) **Package:** It is omitted when the resistors are in bulk package.
 TR: Tape/Reel, TB: Tape/Box

DIMENSIONS:



(Unit: mm)

Type	Power Rating	Res. Range	L	D	H	d
MRS-50	0.5W	10 Ω ~ 1M Ω	3.3±0.4	1.8±0.3	28±2.0	0.45±0.05
MRS-40	0.4W	10 Ω ~ 1M Ω	6.3±0.5	2.3±0.3	28±2.0	0.55±0.05
MRS-60	0.6W	10 Ω ~ 1M Ω	6.3±0.5	2.3±0.3	28±2.0	0.55±0.05
MRS-100	1W	10 Ω ~ 1M Ω	6.3±0.5	2.3±0.3	28±2.0	0.55±0.05
MRS-180	1.8W	10 Ω ~ 1M Ω	9.0±0.5	3.2±0.5	26±2.0	0.60±0.05
MRS-300	3W	10 Ω ~ 1M Ω	15.5±1.0	5.0±0.5	32±2.0	0.60±0.05