

The Comparison of CSR0207

Vendor	Series	Chip Size (inch)	Power Rating @ 70°C	Max. Working Voltage	Max. Overload Voltage	Resistance Range(Ω)						T.C.R (ppm/°C)	Operating Tempeture
						±0.1%	±0.25%	±0.5%	±1%	±2%	±5%		
VIKING	CSR	0207	1/2W	300V	500V	100Ω ~20KΩ	10Ω ~20KΩ					±10	-55 ~ 155°C
						100Ω ~100KΩ	10Ω ~100KΩ					±15	
						100Ω ~400KΩ	10Ω ~400KΩ	10Ω ~560KΩ			±25		
						100Ω ~400KΩ	1Ω ~330KΩ	1Ω ~1MΩ	1Ω ~5.1MΩ		±50		
			1W	350V	700V	-				0.1Ω ~0.91Ω	±100		
						100Ω ~100KΩ	10Ω ~100KΩ					±15	
						100Ω ~100KΩ	4.7Ω ~1MΩ			4.7Ω ~560KΩ		±25	
						100Ω ~100KΩ	10Ω ~1MΩ	1Ω ~1MΩ	1Ω ~2.2MΩ		±50		
-			0.1Ω ~0.91Ω			±100							
VISHAY	MMB 0207 (Professional)	0207	0.4W(Standard) 1.0W(Power)	300V		-		10Ω ~1MΩ	-		±25	-55 ~ 125°C(S)	
						-			1Ω ~15MΩ	0.2Ω ~0.91Ω	0.22Ω ~0.91Ω	±50	-55 ~ 155°C(P)
	MMB 0207 (Precision)	0207	0.4W(Precision) 1.0W(Standard)	300V		-				0.1Ω ~0.2Ω	±100		
						33Ω ~1MΩ	-					±15/±25	-10 ~ 85°C(P)
	MMB 0207 VG03	0207	0.4W	300V	-	15Ω ~1MΩ	-				±25	-55 ~ 125°C(S)	
					75Ω ~499KΩ	-					±15		
	SMM0207	0207	1W	350V	500V	-			1Ω ~10MΩ	-		±50	-55 ~ 125°C
						-		1Ω ~2.21MΩ	1Ω ~10MΩ	-		±50	
						-				0.16Ω ~0.91Ω	±100	-55 ~ 155°C	

Competitor	Type	Power rating @70°C	Max Working Voltage	Max Overload Voltage	Resistance Range(Ω)						TCR (ppm/°C)	Operating Temp.
					±0.1%	±0.25%	±0.5%	±1%	±2%	±5%		
Viking	CSR0102	1/8W	150V	300V	100Ω ~56KΩ				-	100Ω ~56KΩ	±15	-55°C ~ 155°C
					100Ω ~100KΩ					100Ω ~100KΩ	±25	
					-	10Ω ~1MΩ				10Ω ~1MΩ	±50	
					-			0.22Ω ~2MΩ		±100		
KOA	RN412A	1/8W	150V	200V	-			100Ω ~100KΩ	-	±100	-55°C ~ 155°C	
Vishay (Professional)	MMU0102(S)	0.2W	150V	NA	-	10Ω~221KΩ		-		±25	-55°C ~ 125°C	
						10Ω~221KΩ	10Ω~2.21MΩ	1Ω~9.1Ω	0.22Ω~0.91Ω	±50		
	MMU0102(HP)	0.3W				10Ω~221KΩ		-		±25	-55°C ~ 155°C	
						10Ω~221KΩ	10Ω~2.21MΩ	1Ω~9.1Ω	0.22Ω~0.91Ω	±50		