


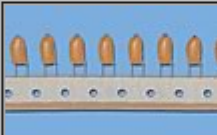

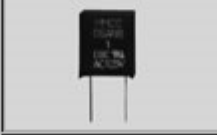















# SURGE ABSORBERS



## Products Line up

	Style	Series	DC Spark-over voltage	standard	Applications	
For power Lines	Lead type	DA53		700~7,800V	UL CSA EN	SW power supply, Inverter power supply, Power supply of office and home appliance
		DA38		1,000~6,200V	UL CSA EN	
		DSA		300~7,500V	UL CSA EN	
		DB60		2,700~4,500V	UL EN	
	Combination type	DSAHR		500~800V	-	
		DSANR		500~4,500V	UL EN	
		DSAZR		500~4,500V	UL CSA EN	

For Communication Lines	Lead type	DE37		300~4,500V	UL EN ITU-T (400V)	FAX, Modem, Telephon etc
		DSS		200~3,000V	UL CSA EN	
	Chip type	CDA70		3,000V	UL EN	
		CSA70		300~600V	UL ITU-T (400V)	
For ESD	Lead type	DSP		140~3,000V	-	Antenna, CRT display, Monitor TV etc
		Chip type	CSA30		140~400V	IEC61000-4-2
	CSA20			140~400V	IEC61000-4-2	
	CSA10			140V	IEC61000-4-2	
			CSZ30		200V	ISO10605
CSZ20				200V	ISO10605	
Others	For Switch board	DLSP		-	-	Control box, etc
	Ring Varistor	DRV		13~55V	-	Spark elimination and noise protection of various compact DC motors