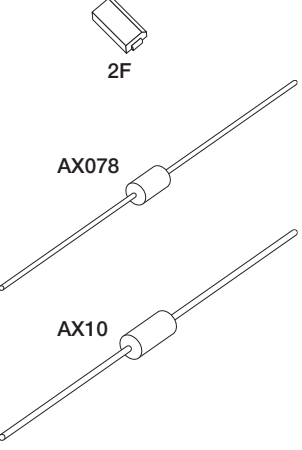


Power Clampers

- **Features**
1. High speed response.
 2. Absorption energy tolerance capacity.
 3. Narrow clamping voltage width.
 4. Reverse blocking type.

- **Applications**
1. Snubber circuit in the primary side of switch-mode power supplies.

	Type No.	Absolute Maximum Ratings				Electrical Characteristics						Outline		
		PRSM	Tstg	Tj	VRM (max)	VBR (typ)	Conditions	IR (max)	Conditions	VCL (max)	Conditions	Package	Color Code	Fig.
		[W]	[°C]	[°C]	[V]	[V]	IR [mA]	[μA]	VR [V]	[V]	I _{PP} [A]			
	ST02D-82	200	-40 to 150	150	67	82	1	5	67	118	1.7	AX078	Silver	5-2
	ST03D-82	300									2.5	AX10		6-2
	★ST02D-140F2	200	-40 to 150	150	120	145	1	5	120	200	1	2F	—	16-3
	ST02D-140	200									1	AX078		5-2
	ST03D-140	300	-40 to 150	150	145	170	1	5	145	280	1.5	AX10	Blue	6-2
	ST02D-170F2	200									0.75	2F		16-3
	ST02D-170	200	-40 to 150	150	145	170	1	5	145	280	1.1	AX078	Red	5-2
	ST03D-170	300									1.1	AX10		6-2
	ST02D-200	200	-40 to 150	150	170	200	1	5	170	300	0.7	AX078	Yellow	5-2
	ST03D-200	300									1	AX10		6-2
	☆ST03DH-240	200	-40 to 150	150	200	250	1	5	200	—	—	AX10	—	6-2
	★ST03DH-280				230	300								
	★ST03DH-320				260	350								

☆: New product

★: Under development