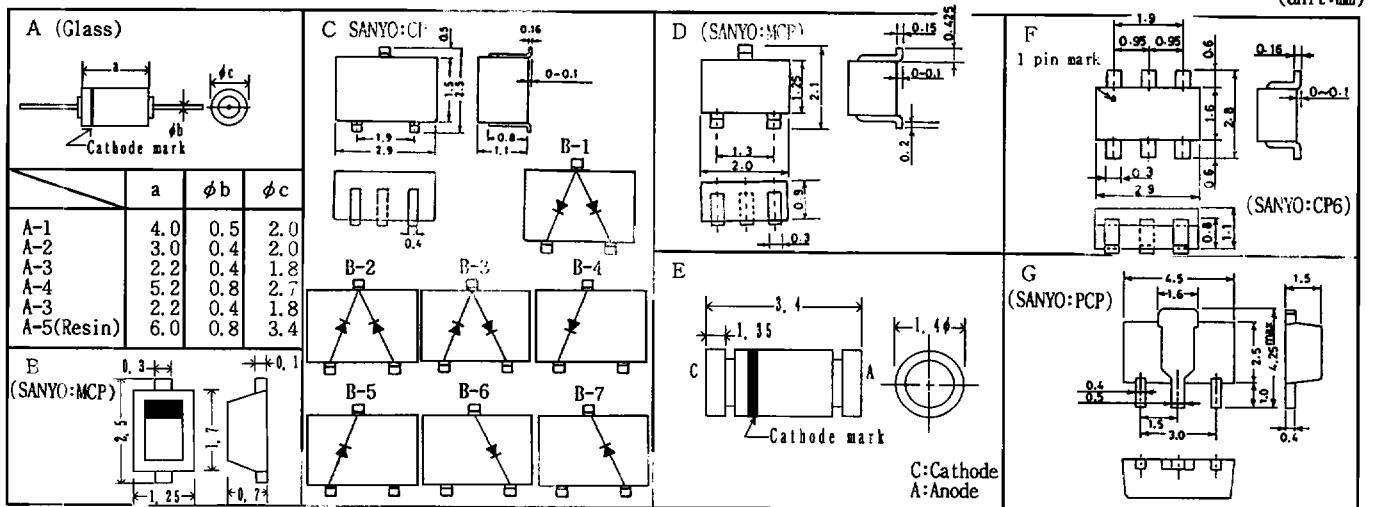


Quick Guide To Small Signal Diodes

Very Fast Switching Diodes

Features	Type No. ():Marking	Package	Outline No.	Absolute Maximum Ratings/Ta=25°C			Electrical Characteristics/Ta=25°C						Remarks	
				VR (V)	IO (mA)	IFM (mA)	IF (mA)	VF max (V)	VR (V)	IR max (µA)	IF (mA)	t _{rr} max (ns)		
General purpose	DS442X	Do-35	A-1	50	130	400	1.5	0.65	50	0.5	10	2		
	GMA01	Do-34	A-2	55	120	360	1.5	0.68	55	0.5	10	4		
	GMB01	Do-34S	A-3	55	120	360	1.5	0.68	55	0.5	10	4		
High withstand Voltage	DS446	Do-35	A-1	100	200	500	1.5	0.65	100	0.1	10	4		
	DS462	Do-35	A-1	200	200	600	1.0	0.80	200	0.5	10	60		
	GMA01U	Do-34	A-2	100	120	360	1.5	0.68	100	5	10	4		
	GMB01U	Do-34S	A-3	100	120	360	1.5	0.68	100	5	10	4		
	GMA02	Do-34	A-2	220	200	625	200	1.5	220	10	20	75		
Low leakage	DS441	Do-35	A-1	30	100	300	100	1.3	30	0.01	-	-		
Surface mounting type	DCA010(W5)	CP	C-1										Anode common	
	DCB010(W6)	CP	C-2	80	100	300	100	1.2	80	0.5	10	4	Cathode common	
	DCC010(W7)	CP	C-3										Series	
	DCD010(1W)	CP	C-3	20	100	200	10	1.0	15	0.1	-	-	Series C max=4pF	
	DSA010(W1)	CP	C-4											
	DSB010(W2)	CP	C-5	80	100	300	100	1.2	80	0.5	10	4	Single	
	DSC010(W3)	CP	C-6											
	DSC015(A7)	CP	C-5	200	150	400	100	1.0	200	0.5	10	200	Single	
	DSD010(W4)	CP	C-7	80	100	300	100	1.2	80	0.5	10	4	Single	
	DSD015(A8)	CP	C-5	300	150	400	100	1.0	300	0.5	10	200	Single	
	DSE010(C)	MCP	B	80	100	225							Two terminal outline	
	DCF010(W5)	MCP	D	80	100	300	100	1.2	80	0.5	10	4	Anode common	
	DCG010(W6)	MCP	D										Cathode common	
	DCJ010(1W)	MCP	D	20	100	200	10	1.0	15	0.1	-	-	Series C max=4pF	
	DGG10(PB)	PCP	G	200	1000	2000	1000	1.3	200	10.0	1000	300	Cathode common (Twin type) Anode common	
	DCH10(PC)	PCP	G											
	LFB01	LL-34	E	80	150	480	100	1.2	80	0.5	10	4	MELF(Leadless)	
	LFB01L	LL-34	E	50	150	480	100	1.2	50	0.5	10	4		
	FC901	CP-6	F											Anode common
	FC902	CP-6	F	80	100	300	100	1.2	80	0.5	10	4	Cathode common	
FC903	CP-6	F											Separated type	

Outlines



These specifications are subject to change without notice.