

Schottky Diode Line Up

Series	Absolute Max Ratings			Electrical specification				Chip size (mm) × (mm)	Ordering Information		
	VRM (V)	IFAV (A)	IFSM (A)	VF (V)	(Max) @IF(mA)	IR (A)	(Max.) @VR(V)		Type	Thickness (μm)	Back Metal
YHK03	40	0.03	0.2	0.37	1	0.5 u	25	0.30 × 0.30	YHK03A	150 +/- 20	Ti-Ni-Ag (for Glass Seal)
YHK15	40	0.03	0.2	0.37	1	0.5 u	25	0.35 × 0.35	YHK15A	150 +/- 20	Ti-Ni-Ag (for Glass Seal)
YHG08	40	0.1	1	0.55	100	100 u	40	0.45 × 0.45	YHG08A	150 +/- 20	Ti-Ni-Ag (for Glass Seal)
YFS17	50	0.2	5	0.8	100	2 u	25	0.39 × 0.39	YFS17A	200 +/- 20	Ti-Ni-Ag (for Glass Seal)
YQC15	70	0.2	2	0.41	1	0.2 u	50	0.35 × 0.35	YQC15A	150 +/- 20	Ti-Ni-Ag (for Glass Seal)

Series	Absolute Max Ratings			Electrical specification				Chip size (mm) × (mm)	Ordering Information			Ordering Information			Ordering Information		
	VRM (V)	IFAV (A)	IFSM (A)	VF (V)	(Max) @IF(mA)	IR (A)	(Max.) @VR(V)		Type	Thickness (μm)	Back Metal	Type	Thickness (μm)	Back Metal	Type	Thickness (μm)	Back Metal
YCF11	20	0.5	5.5	0.385	500	250 u	20	0.79 × 0.65	YCF115	180 +/- 20	Au (for Eutectic)	YCF117	150 +/- 20	Au (for Eutectic)	YCF116	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YCE71	20	1	10	0.36	1000	1000 u	20	1 × 1	YCE715	180 +/- 20	Au (for Eutectic)	YCE717	150 +/- 20	Au (for Eutectic)	YCE716	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YCG16	25	1	3	0.45	1000	200 u	20	0.71 × 0.71	YCG165	180 +/- 20	Au (for Eutectic)	YCG167	150 +/- 20	Au (for Eutectic)	YCG166	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XFC02	30	0.1	0.6	1	100	0.5 u	25	0.28 × 0.28	XFC025	180 +/- 20	Au (for Eutectic)	XFC027	150 +/- 20	Au (for Eutectic)	XFC028	95 +/- 15	Ti-Ni-Ag (for Ag Epoxy)
XFC24	30	0.1	0.5	0.45	10	0.5 u	10	0.31 × 0.26	XFC249	100 +/- 15	Au (for Eutectic)				XFC248	95 +/- 15	Ti-Ni-Ag (for Ag Epoxy)
XFJ23	30	0.1	0.5	0.46	10	0.3 u	10	0.21 × 0.21	XFJ238	95 +/- 15	Au (for Ag Epoxy)	XFJ239	100 +/- 15	Au (for Eutectic)			
YFX24	30	0.1	0.5	0.35	10	10 u	10	0.31 × 0.26	YFX249	100 +/- 15	Au (for Eutectic)						
YFK23	30	0.1	0.5	0.37	10	7 u	10	0.21 × 0.21	YFK239	100 +/- 15	Au (for Eutectic)				YFK238	95 +/- 15	Ti-Ni-Ag (for Ag Epoxy)
YFT24	30	0.1	0.5	0.35	10	10 u	10	0.31 × 0.26	YFT249	100 +/- 15	Au (for Eutectic)				YFT248	95 +/- 15	Ti-Ni-Ag (for Ag Epoxy)
XFA05	30	0.2	0.6	1	200	0.5 u	25	0.35 × 0.35	XFA055	180 +/- 20	Au (for Eutectic)	XFA057	150 +/- 20	Au (for Eutectic)	XFA056	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XFA22	30	0.2	4	1	100	0.5 u	25	0.45 × 0.45	XFA225	180 +/- 20	Au (for Eutectic)	XFA227	150 +/- 20	Au (for Eutectic)	XFA226	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YFG10	30	0.5	5	0.47	500	100 u	20	0.51 × 0.51	YFG105	180 +/- 20	Au (for Eutectic)	YFG107	150 +/- 20	Au (for Eutectic)	YFG106	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XFH71	30	1	10	0.45	700	10 u	5	1 × 1	XFH715	180 +/- 20	Au (for Eutectic)	XFH717	150 +/- 20	Au (for Eutectic)	XFH716	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YHE51	40	1	10	0.45	1000	1000 u	20	0.82 × 0.82	YHE515	180 +/- 20	Au (for Eutectic)	YHE517	150 +/- 20	Au (for Eutectic)	YHE516	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YHF01	40	0.03	0.2	0.37	1	0.5 u	30	0.23 × 0.23	YHF015	180 +/- 20	Au (for Eutectic)	YHF017	150 +/- 20	Au (for Eutectic)	YHF01Q	150 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YHF03	40	0.03	0.2	0.37	1	0.5 u	30	0.3 × 0.3	YHF035	180 +/- 20	Au (for Eutectic)	YHF037	150 +/- 20	Au (for Eutectic)	YHF039	100 +/- 15	Au (for Eutectic)
XHB06	40	0.2	1	0.6	200	1 u	10	0.37 × 0.37	XHB06B	140 +/- 20	Ti-Ni-Ag (for Ag Epoxy)	XHB06C	140 +/- 20	Au (for Eutectic)	XHB06Y	120 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XHP01	40	0.2	0.6	0.38	1	0.2 u	30	0.23 × 0.23	XHP015	180 +/- 20	Au (for Eutectic)	XHP017	150 +/- 20	Au (for Eutectic)	XHB019	100 +/- 15	Au (for Eutectic)
XHP03	40	0.2	0.6	0.38	1	0.2 u	30	0.3 × 0.3	XHP035	180 +/- 20	Au (for Eutectic)	XHP037	150 +/- 20	Au (for Eutectic)	XHP036	180 +/- 15	Ti-Ni-Ag (for Ag Epoxy)
YHA06	40	0.2	1	0.5	200	30 u	10	0.37 × 0.37	YHA06B	140 +/- 20	Ti-Ni-Ag (for Ag Epoxy)	YHA06C	140 +/- 20	Au (for Eutectic)	YHA06C	120 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YHQ09	40	0.2	2	0.5	200	70 u	25	0.47 × 0.47	YHQ095	180 +/- 20	Au (for Eutectic)	YHQ097	150 +/- 20	Au (for Eutectic)	YHA06C	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XHH09	40	0.35	1.5	0.59	200	5 u	30	0.47 × 0.47	XHH095	180 +/- 20	Au (for Eutectic)	XHH097	150 +/- 20	Au (for Eutectic)	XHH096	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XJC12	40	0.5	5.5	0.51	500	15 u	40	0.84 × 0.75	XJC125	180 +/- 20	Au (for Eutectic)	XJC127	150 +/- 20	Au (for Eutectic)	XJC126	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YJP19	40	0.5	3	0.3	10	30 u	10	0.68 × 0.68	YJP195	180 +/- 20	Au (for Eutectic)	YJP197	150 +/- 20	Au (for Eutectic)	YJP196	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XHH51	40	1	10	0.55	1000	200 u	42	0.82 × 0.82	XHH515	180 +/- 20	Au (for Eutectic)	XHH517	150 +/- 20	Au (for Eutectic)	XHH516	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YJA71	40	1	20	0.385	1000	2000 u	40	1 × 1	YJA715	180 +/- 20	Au (for Eutectic)	YJA717	150 +/- 20	Au (for Eutectic)	YJA716	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XHZ05	45	0.1	1	0.6	100	1 u	10	0.35 × 0.35	XHZ055	180 +/- 20	Au (for Eutectic)	XHZ057	150 +/- 20	Au (for Eutectic)	XHZ056	180 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
YHM06	45	0.1	1	0.55	100	30 u	10	0.37 × 0.37	YHM065	180 +/- 20	Au (for Eutectic)	YHM067	150 +/- 20	Au (for Eutectic)	YHM06Y	120 +/- 20	Ti-Ni-Ag (for Ag Epoxy)
XQA01	70	0.07	0.1	0.41	1	0.1 u	50	0.23 × 0.23	XQA015	180 +/- 20	Au (for Eutectic)	XQA017	150 +/- 20	Au (for Eutectic)	XQA019	100 +/- 15	Au (for Eutectic)
XQA03	70	0.07	0.1	0.41	1	0.1 u	50	0.3 × 0.3	XQA035	180 +/- 20	Au (for Eutectic)	XQA037	150 +/- 20	Au (for Eutectic)	XQA039	100 +/- 15	Au (for Eutectic)

Series	Absolute Max Ratings			Electrical specification				Chip size (mm) × (mm)	Ordering Information			Ordering Information		
	VRM (V)	IFAV (A)	IFSM (A)	VF (V)	(Max) @IF(A)	IR (mA)	(Max.) @VR(V)		Type	Thickness (μm)	Back Metal	Type	Thickness (μm)	Back Metal
YFN70	30	2	50	0.38	2	2	30	1.37 × 1.37	YFN702	250 +/- 20	Ti-Ni-Au (for Solder)	YFB54L	250 +/- 20	Ti-Ni-Au (for Solder)
YFB54	30	3	60	0.4	3	3	30	1.54 × 1.54	YFB542	250 +/- 20	Ti-Ni-Au (for Solder)	YFB54L	250 +/- 20	Ti-Ni-Au (for Solder)
XHT512	40	1	40	0.5	1	0.2	42	0.82 × 0.82	XHT512	250 +/- 20	Ti-Ni-Au (for Solder)			
XHJ52	40	1	40	0.48	1	0.2	42	1 × 1	XHJ522	250 +/- 20	Ti-Ni-Au (for Solder)			
YHW71	40	1	30	0.385	1	2	40	1 × 1	YHW712	250 +/- 20	Ti-Ni-Au (for Solder)			
XHJ53	40	2	50	0.5	2	0.2	42	1.25 × 1.25	XHJ532	250 +/- 20	Ti-Ni-Au (for Solder)			
XHJ54	40	3	80	0.48	1	0.3	40	1.54 × 1.54	XHJ542	250 +/- 20	Ti-Ni-Au (for Solder)			
XJS53	42	2	50	0.5	2	0.5	40	1.25 × 1.25	HJS532	250 +/- 20	Ti-Ni-Au (for Solder)			
XMB51	60	1	40	0.67	1	0.2	62	0.82 × 0.82	XMB512	250 +/- 20	Ti-Ni-Au (for Solder)			
XMB68	60	2	50	0.67	2	0.3	62	1.15 × 1.15	XMB682	250 +/- 20	Ti-Ni-Au (for Solder)			
XMB70	60	3	80	0.67	3	0.3	62	1.37 × 1.37	XMB702	250 +/- 20	Ti-Ni-Au (for Solder)			