

# Schottky Diode Line Up

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Series	Absolute Max Ratings			Electrical specification				Chip size (mm) × (mm)	Ordering Information		
	VRM (V)	IFAV (A)	IFSM (A)	VF (Max) (V)	@IF(mA)	IR (A)	@VR(V)		Type	Thickness (μm)	Back Metal
YHK03	40	0.03	0.2	0.370	1	0.5u	25	0.30 × 0.30	YHK03A	150 +/- 20	Ti-Ni-Ag ( for Glass Seal )
YHK15	40	0.03	0.2	0.370	1	0.5u	25	0.35 × 0.35	YHK15A	150 +/- 20	Ti-Ni-Ag ( for Glass Seal )
YHG08	40	0.1	1	0.550	100	100 u	40	0.45 × 0.45	YHG08A	150 +/- 20	Ti-Ni-Ag ( for Glass Seal )
YFS17	50	0.2	5	0.800	100	2 u	25	0.39 × 0.39	YFS17A	200 +/- 20	Ti-Ni-Ag ( for Glass Seal )
YQC15	70	0.2	2	0.410	1	0.2 u	50	0.35 × 0.35	YQC15A	150 +/- 20	Ti-Ni-Ag ( for Glass Seal )

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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	1.0	10	0.360	1,000	1000 u	20	1.00 × 1.00	YCE715	180 +/- 20	Au ( for Eutectic )	YCE717	150 +/- 20	Au ( for Eutectic )	YCE716	180 +/- 20	Ti-Ni-Ag ( for Ag Epoxy )
YCG16	25	1.0	3	0.450	1,000	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	1.000	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	0.450	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	0.460	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	0.350	10	10 u	10	0.31 × 0.26	YFX249	100 +/- 15	Au ( for Eutectic )						
YFK23	30	0.1	0.5	0.370	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	0.350	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	1.000	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	1.000	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	0.470	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	1.0	10	0.450	700	10 u	5	1.00 × 1.00	XFH715	180 +/- 20	Au ( for Eutectic )	XFH717	150 +/- 20	Au ( for Eutectic )	XFH716	180 +/- 20	Ti-Ni-Ag ( for Ag Epoxy )
YHE51	40	1.0	10	0.450	1,000	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	0.370	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	0.370	1	0.5 u	30	0.30 × 0.30	YHF035	180 +/- 20	Au ( for Eutectic )	YHF037	150 +/- 20	Au ( for Eutectic )	YHF039	100 +/- 15	Au ( for Eutectic )
XHB06	40	0.2	1	0.600	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	0.380	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	0.380	1	0.2 u	30	0.30 × 0.30	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	0.500	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	0.500	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	0.590	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	0.510	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	0.300	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	1.0	10	0.550	1,000	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	1.0	20	0.385	1,000	2000 u	40	1.00 × 1.00	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	0.600	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	0.550	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	0.410	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	0.410	1	0.1 u	50	0.30 × 0.30	XQA035	180 +/- 20	Au ( for Eutectic )	XQA037	150 +/- 20	Au ( for Eutectic )	XQA039	100 +/- 15	Au ( for Eutectic )

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YFN70	30	2.0	50	0.380	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	3.0	60	0.400	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	1.0	40	0.500	1	0.2	42	0.82 × 0.82	XHT512	250 +/- 20	Ti-Ni-Au ( for Solder )			
XHJ52	40	1.0	40	0.480	1	0.2	42	1.00 × 1.00	XHJ522	250 +/- 20	Ti-Ni-Au ( for Solder )			
YHW71	40	1.0	30	0.385	1	2	40	1.00 × 1.00	YHW712	250 +/- 20	Ti-Ni-Au ( for Solder )			
XHJ53	40	2.0	50	0.500	2	0.2	42	1.25 × 1.25	XHJ532	250 +/- 20	Ti-Ni-Au ( for Solder )			
XHJ54	40	3.0	80	0.480	1	0.3	40	1.54 × 1.54	XHJ542	250 +/- 20	Ti-Ni-Au ( for Solder )			
XJS53	42	2.0	50	0.500	2	0.5	40	1.25 × 1.25	HJS532	250 +/- 20	Ti-Ni-Au ( for Solder )			
XMB51	60	1.0	40	0.670	1	0.2	62	0.82 × 0.82	XMB512	250 +/- 20	Ti-Ni-Au ( for Solder )			
XMB68	60	2.0	50	0.670	2	0.3	62	1.15 × 1.15	XMB682	250 +/- 20	Ti-Ni-Au ( for Solder )			
XMB70	60	3.0	80	0.670	3	0.3	62	1.37 × 1.37	XMB702	250 +/- 20	Ti-Ni-Au ( for Solder )			