

SCHOTTKY BARRIER RECTIFIERS

T-03-17

OPERATING/STORAGE TEMPERATURE RANGE -65°C to +150°C

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV		Maximum Forward Voltage @ 25° C TA	
	PRV	I _o @ T _C		IFM (Surge)	I _R @ T _C		IFM	VFM
	V _{PK}	A _{AV}	°C	APK	mAdc	°C	APK	V _{PK}

5.0 AMPERE SCHOTTKY/TO-220A



NST520	20	5.0	115	100	5.0	25	5.0	0.55
NST530	30	5.0	115	100	5.0	25	5.0	0.55
NST545	45	5.0	115	100	5.0	25	5.0	0.55

NOTE: Suffix "R" for Reverse Polarity.

8.0 AMPERE SCHOTTKY/TO-220A



SR802	20	8.0	90	200	1.0	25	8.0	0.71
SR803	30	8.0	90	200	1.0	25	8.0	0.71
SR804	40	8.0	90	200	1.0	25	8.0	0.71
SR805	50	8.0	115	200	1.0	25	8.0	0.71
SR806	60	8.0	115	200	1.0	25	8.0	0.71

NOTE: Suffix "R" for Reverse Polarity.

10 AMPERE SCHOTTKY/TO-220A



SR1002	20	10	135	250	1.0	25	10	0.73
SR1003	30	10	135	250	1.0	25	10	0.73
SR1004	40	10	135	250	1.0	25	10	0.73
SR1005	50	10	135	250	1.0	25	10	0.73
SR1006	60	10	135	250	1.0	25	10	0.73

NOTE: Suffix "R" for Reverse Polarity.

10 AMPERE SCHOTTKY/TO-220



NSR1020	20	10	105	100	5.0	25	5.0	0.55
NSR1030	30	10	105	100	5.0	25	5.0	0.55
NSR1045	45	10	105	100	5.0	25	5.0	0.55

NOTE: Standard type = Common Cathode, Common Anode = Suffix "A", Doubler Connection = Suffix "D"

16 AMPERE SCHOTTKY/TO-220A



NST1625	20	16	115	250	5.0	25	16	0.72
NST1635	35	16	115	250	5.0	25	16	0.72
NST1645	45	16	115	250	5.0	25	16	0.72

NOTE: Suffix "R" for Reverse Polarity.

16/20 AMPERE SCHOTTKY/TO-220



SR1602	20	16	90	200	1.0	25	8.0	0.71
SR1603	30	16	90	200	1.0	25	8.0	0.71
SR1604	40	16	90	200	1.0	25	8.0	0.71
SR1605	50	16	115	200	1.0	25	8.0	0.71
NST2025	25	20	135	250	1.0	25	20	0.86
NST2035	35	20	135	250	1.0	25	20	0.86
NST2045	45	20	135	250	1.0	25	20	0.86

NOTE: Standard type = Common Cathode, Common Anode = Suffix "A", Doubler Connection = Suffix "D"