



# TMBS<sup>®</sup> RECTIFIERS

## SMPC (TO-277A)

### TMBS<sup>®</sup> (Trench MOS Barrier Schottky) Rectifiers in SMPC (TO-277A) Package

Device	Image	Package Type	$I_{F(AV)}$	$V_{RRM}$	Max. $V_F$ at $I_F$		AEC-Q101	Automotive Grade
			(A)	(V)	(V)	(A)		
<a href="#">V8P45</a>		SMPC (TO-277A)	8	45	0.58	8	Yes	Yes
<a href="#">V8PL6-M3</a>		SMPC (TO-277A)	8	60	0.58	8	No	No
<a href="#">V8PM45</a>		SMPC (TO-277A)	8	45	0.60	8	Yes	Yes
<a href="#">V8P6</a>		SMPC (TO-277A)	8	60	0.61	8	Yes	Yes
<a href="#">V8PM6</a>		SMPC (TO-277A)	8	60	0.64	8	Yes	Yes
<a href="#">V8P8</a>		SMPC (TO-277A)	8	80	0.66	8	Yes	Yes
<a href="#">V8P10</a>		SMPC (TO-277A)	8	100	0.68	8	Yes	Yes
<a href="#">V8PM10</a>		SMPC (TO-277A)	8	100	0.75	8	Yes	Yes
<a href="#">V8PM10S</a>		SMPC (TO-277A)	8	100	0.78	8	Yes	Yes
<a href="#">V8P12</a>		SMPC (TO-277A)	8	120	0.84	8	Yes	Yes
<a href="#">V8PM12</a>		SMPC (TO-277A)	8	120	0.84	8	Yes	Yes
<a href="#">V8P15</a>		SMPC (TO-277A)	8	150	1.08	8	Yes	Yes
<a href="#">V8PM15</a>		SMPC (TO-277A)	8	150	1.08	8	Yes	Yes
<a href="#">V8P20</a>		SMPC (TO-277A)	8	200	1.40	8	No	No
<a href="#">V10PL45-M3</a>		SMPC (TO-277A)	10	45	0.52	10	No	No
<a href="#">V10PN50-M3</a>		SMPC (TO-277A)	10	50	0.55	10	No	No
<a href="#">V10P45</a>		SMPC (TO-277A)	10	45	0.57	10	Yes	Yes
<a href="#">V10P6</a>		SMPC (TO-277A)	10	60	0.59	10	Yes	Yes
<a href="#">V10PM45</a>		SMPC (TO-277A)	10	45	0.60	10	Yes	Yes
<a href="#">V10PM6</a>		SMPC (TO-277A)	10	60	0.64	10	Yes	Yes
<a href="#">V10P8</a>		SMPC (TO-277A)	10	80	0.68	10	Yes	Yes
<a href="#">V10P10</a>		SMPC (TO-277A)	10	100	0.68	10	Yes	Yes
<a href="#">V10PM10</a>		SMPC (TO-277A)	10	100	0.75	10	Yes	Yes
<a href="#">V10P12</a>		SMPC (TO-277A)	10	120	0.82	10	Yes	Yes
<a href="#">V10PM12</a>		SMPC (TO-277A)	10	120	0.83	10	Yes	Yes
<a href="#">V10P15</a>		SMPC (TO-277A)	10	150	1.08	10	Yes	Yes
<a href="#">V10PM15</a>		SMPC (TO-277A)	10	150	1.08	10	Yes	Yes
<a href="#">V10P20</a>		SMPC (TO-277A)	10	200	1.34	10	No	No

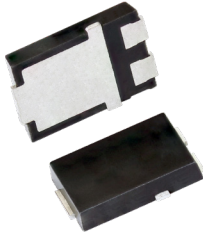




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## SMPC (TO-277A)

TMBS<sup>®</sup> (Trench MOS Barrier Schottky) Rectifiers in SMPC (TO-277A) Package (continued)

Device	Image	Package Type	$I_{F(AV)}$	$V_{RRM}$	Max. $V_F$ at $I_F$		AEC-Q101	Automotive Grade
			(A)	(V)	(V)	(A)		
<a href="#">V12P45</a>		SMPC (TO-277A)	12	45	0.58	12	Yes	Yes
<a href="#">V12PM45</a>		SMPC (TO-277A)	12	45	0.60	12	Yes	Yes
<a href="#">V12P6</a>		SMPC (TO-277A)	12	60	0.61	12	Yes	Yes
<a href="#">V12PM6</a>		SMPC (TO-277A)	12	60	0.64	12	Yes	Yes
<a href="#">V12P8</a>		SMPC (TO-277A)	12	80	0.66	12	Yes	Yes
<a href="#">V12P10</a>		SMPC (TO-277A)	12	100	0.70	12	Yes	Yes
<a href="#">V12PM10</a>		SMPC (TO-277A)	12	100	0.75	12	Yes	Yes
<a href="#">V12P12</a>		SMPC (TO-277A)	12	120	0.80	12	Yes	Yes
<a href="#">V12PM12</a>		SMPC (TO-277A)	12	120	0.83	12	Yes	Yes
<a href="#">V12P15</a>		SMPC (TO-277A)	12	150	1.08	12	Yes	Yes
<a href="#">V12PM15</a>		SMPC (TO-277A)	12	150	1.08	12	Yes	Yes
<a href="#">V15PN50-M3</a>		SMPC (TO-277A)	15	50	0.56	15	No	No
<a href="#">V15PL50</a>		SMPC (TO-277A)	15	50	0.57	15	No	No
<a href="#">V15P45</a>		SMPC (TO-277A)	15	45	0.58	15	Yes	Yes
<a href="#">V15P45S-M3</a>		SMPC (TO-277A)	15	45	0.58	15	No	No
<a href="#">V15PM45</a>		SMPC (TO-277A)	15	45	0.60	15	Yes	Yes
<a href="#">V15P6</a>		SMPC (TO-277A)	15	60	0.62	15	Yes	Yes
<a href="#">V15PM6</a>		SMPC (TO-277A)	15	60	0.64	15	Yes	Yes
<a href="#">V15P8</a>		SMPC (TO-277A)	15	80	0.66	15	Yes	Yes
<a href="#">V15P10</a>		SMPC (TO-277A)	15	100	0.71	15	Yes	Yes
<a href="#">V15PM10</a>		SMPC (TO-277A)	15	100	0.75	15	Yes	Yes
<a href="#">V15PM12</a>		SMPC (TO-277A)	15	120	0.84	15	Yes	Yes
<a href="#">V15P12</a>		SMPC (TO-277A)	15	120	0.81	15	Yes	Yes
<a href="#">V15P15</a>		SMPC (TO-277A)	15	150	1.08	15	Yes	Yes
<a href="#">V15PM15</a>		SMPC (TO-277A)	15	150	1.08	15	Yes	Yes
<a href="#">V20PL60-M3</a>		SMPC (TO-277A)	20	60	0.59	20	No	No
<a href="#">V25PN60</a>		SMPC (TO-277A)	25	60	0.59	25	No	No
<a href="#">V25PL60-M3</a>		SMPC (TO-277A)	25	60	0.63	25	No	No