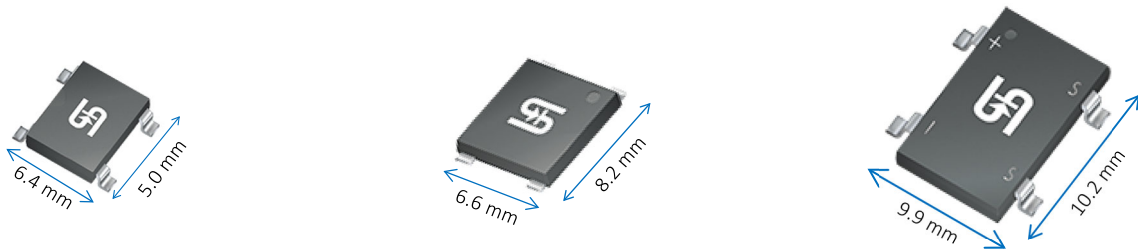


FAST REVERSE RECOVERY BRIDGE RECTIFIER

1000V/2~4A IN SMD PACKAGE

This new Bridge rectifier family feature integrated with fast-recovery diodes inside, which improve Conducted EMI performance since the reverse recovery time (T_{rr}) is optimized. The SMD package allows automated placement in production to reduce manufacturing time and cost.



KEY FEATURES:

- Enhanced EMI Performance - EN55022
- UL Certification #E-326854
- RoHS Compliant
- Halogen-free according to IEC 61249-2-21


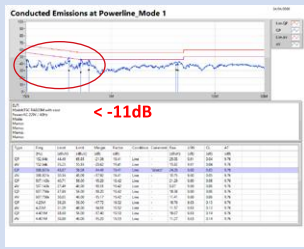
APPLICATION:

- AC to DC power conversion
- Charger - Adapters
- Lighting applications
- Switching mode power supplies

KEY PERFORMANCE

PART NUMBER	V_{RRM} [V]	I_F [A]	V_F [V]	I_{FSM} [A]	T_{rr} [ns]	$I_R @ 25^\circ C$ [μA]	PACKAGE
RABS20M	1000	2	1.3	50	300	5	ABS
RYBS30M	1000	3	1.3	90	300	5	YBS
RTBS40M	1000	4	1.3	110	300	5	TBS

COMPARISON – EMI IN 15W CHARGER

TSC FAMILY	ABS20M-T (STD) EN55022	RABS20M (FR) EN55022
Line		
Neutral	