

**TO-3PF FULL PLASTIC MOLD POWER TRANSISTORS
(RING EMITTER TRANSISTORS)**

ELECTRICAL CHARACTERISTICS

Type No.	Maximum Ratings (T _a = 25°C)					Electrical Characteristics (T _a = 25°C)			
	V _{CB0} (V)	V _{CE0} (V)	I _C (A)	I _{CM} * (A)	P _C (W)	V _{CE} (V)	I _C (A)	h _{FE} Min.	t _f (μs)
									Max.
2SC3842	600	400	10	15	70	5	5	10	0.3
2SC3843	600	450	10	20	75	5	6	10	0.2
2SC3844	600	450	15	20	75	5	10	10	0.3
2SC3845	1200	800	3	6	75	5	1	10	0.3
2SC3846	1200	800	6	10	80	5	2	10	0.3
2SC3847	1200	800	10	20	85	5	4	10	0.3
2SC3947	850	500	5	8	70	5	2.5	10	0.3
2SC3948	850	500	10	15	75	5	5	10	0.3
2SC3949	850	500	15	20	80	5	10	10	0.3

* Pulsed P_W ≤ 25μs, D.R. ≤ 50%

• Package Outline and Terminal Configuration

