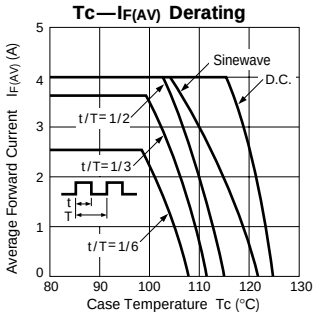
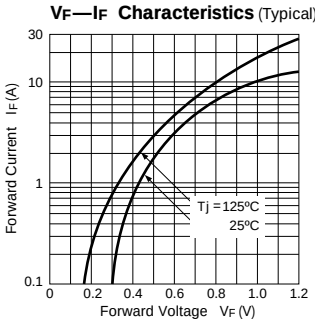
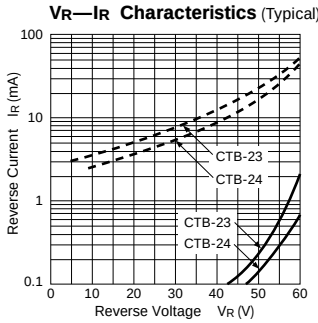
Schottky Barrier Diodes (Center-tap) 40V

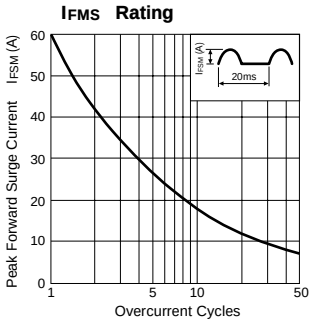
Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)						Others		
	V_{RM} (V)	$I_{F(AV)}$ (A) With Heatsink	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max per element	I_F (A)	I_R (mA) $V_R=V_{RM}$ max per element	I_R (H) (mA) $V_R=V_{RM}$, Ta=100°C max per element	trr (ns)	I_F/I_{RP} (mA)	Rth (j-c) (°C/W)	Mass (g)	Fig.
CTB-24	40	4.0	60	–40 to +150		0.55	2.0	5.0	50	200	100/100	3.0	2.6	Ⓐ
CTB-24L		10.0					5.0		35	100				
CTB-34		15.0	150				10.0	10.0	65			1.5	6.1	Ⓑ
CTB-34M		30.0	300				15.0	20.0	100		500/500			

CTB-24

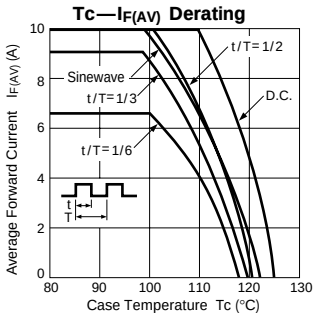


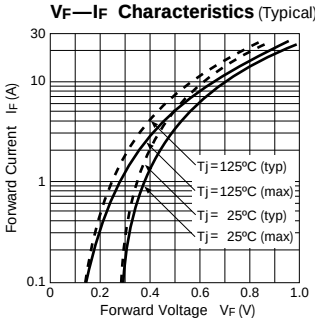


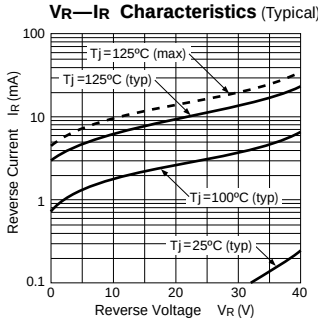


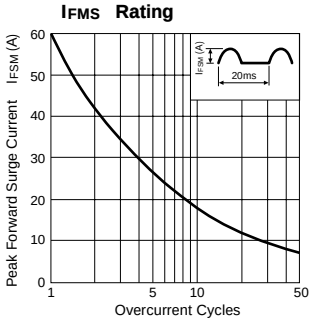


CTB-24L

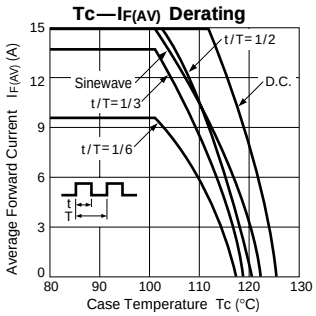


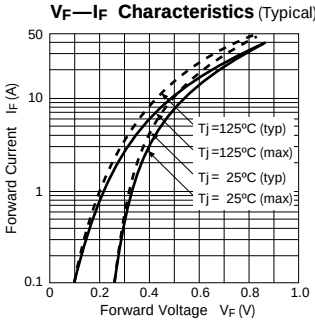


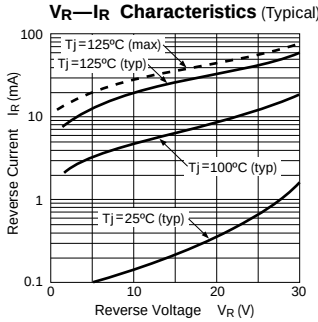


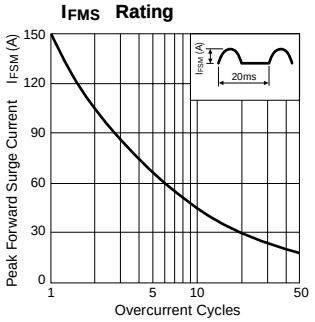


CTB-34









External Dimensions
(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig.Ⓐ

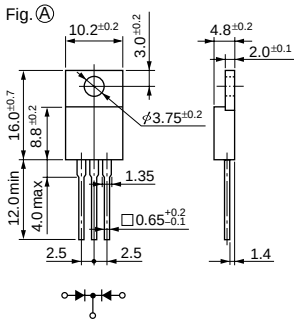
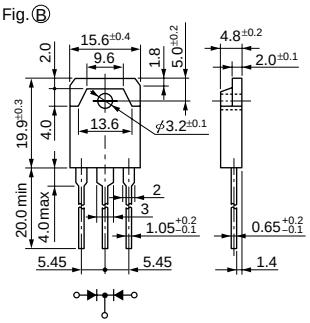
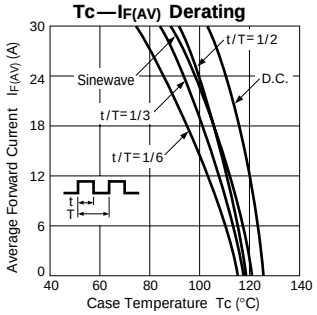


Fig.Ⓑ

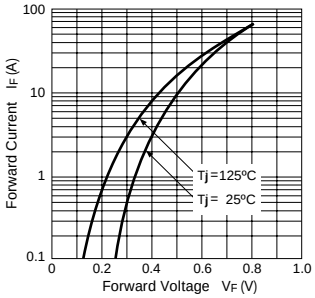


CTB-34M

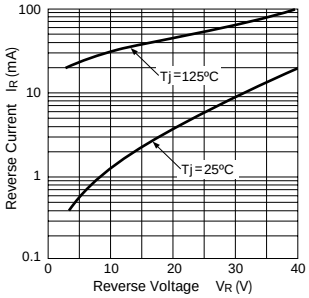
T_C—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)



I_{FMS} Rating

