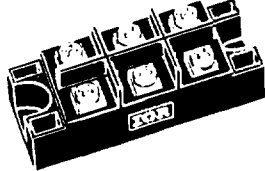


Part Number			V _{RRM} V _{DRM} (V)	I _O (DC) @ T _C		I _{TSM} (8)		V _{TM} (1) (V)	R _{thJC} DC (2) (K/W)	CASE Outline Number (9)	Notes	Case Style
				(A)	(°C)	50 Hz (A)	60 Hz (A)					
51MT80K	52MT80K	53MT80K	800	55	85	330	345	2.68	0.179	B4	(3)	
51MT100K	52MT100K	53MT100K	1000									
51MT120K	52MT120K	53MT120K	1200									
51MT140K	52MT140K	53MT140K	1000									
51MT160K	52MT160K	53MT160K	1600									
91MT80K	92MT80K	93MT80K	800	90	85	800	840	1.65	0.144			
91MT100K	92MT100K	93MT100K	1000									
91MT120K	92MT120K	93MT120K	1200									
91MT140K	92MT140K	93MT140K	1400									
91MT160K	92MT160K	93MT160K	1600									
111MT80K	112MT80K	113MT80K	800	110	85	950	1000	1.57	0.117			
111MT100K	112MT100K	113MT100K	1000									
111MT120K	112MT120K	113MT120K	1200									
111MT140K	112MT140K	113MT140K	1400									
111MT160K	112MT160K	113MT160K	1600									

(1) I Peak = 150A, T_j = 25°C.

(2) Value given for R_{thJC} is per module DC operation.

(3) RMS Isolation voltage: 4000V-50 Hz.

(4) Three phase negative controlled bridge.

(5) Three phase positive controlled bridge.

(6) Three phase fully controlled bridge.

(8) 100% V_{RRM} reapplied. T_j = T_j max. = 125°C

(9) For case outline drawing see page 0-2.