

# ***Fuji IGBT Module Line-up***

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**FUJI**  
**ELECTRIC**

# Fuji IGBT modules Line-up (PIM)

## Fuji IGBT modules Line-up

[ PIM ]

	VCE (V)	Ic (A)	3rd Gen.		4th Gen.			5th Gen.	
			N-series		S-series		T-series	U-series	
PIM	600	5	-		-	-	-	-	(Small PIM) TBD
		10	-		-	-	-	-	(Small PIM) TBD
		15	-		-	-	-	-	(Small PIM) TBD
		20	-		7MBR20SA060	M711	-	-	(Small PIM) TBD
		30	7MBR30NE060	M708	7MBR30SA060	M711	-	-	(7MBR20UA060) M711
			7MBR30NF060	M707					(Small PIM) TBD
			7MBR50NE060	M708	7MBR50SA060	M711	-	-	(7MBR30UA060) M711
			7MBR50NF060	M707	7MBR50SB060	M712			(7MBR50UA060) M711
	75	-		7MBR75SB060	M712	-	-	(7MBR75UB060) M712	
	100	-		7MBR100SB060	M712	-	-	(7MBR100UB060) M712	
	1200	5	-		-	-	-	-	(Small PIM) TBD
		10	7MBR10NE120	M708	7MBR10SA120	M711	-	-	(Small PIM) TBD
			7MBR10NF120	M707					(7MBR10UA120) M711
		15	7MBR15NE120	M708	7MBR15SA120	M711	-	-	(Small PIM) TBD
			7MBR15NF120	M707					(7MBR15UA120) M711
		25	7MBR25NE120	M708	7MBR25SA120	M711	-	-	(7MBR25UA120) M711
7MBR25NF120			M707						
35		-		7MBR35SB120	M712	-	-	(7MBR35UB120) M712	
50	-		7MBR50SB120	M712	-	-	(7MBR50UB120) M712		
75	-		-	-	-	-	(7MBR75UB120) M712		

\* ( ) : Under Development

# Fuji IGBT modules Line-up (7in1, 6in1)

## Fuji IGBT modules Line-up

[ 7in1, 6in1 ]

	VCE (V)	Ic (A)	3rd Gen.		4th Gen.			5th Gen.		
			N-series		S-series		T-series	U-series		
7in1	600	75	7MBI75N-060	P607	-	-	-	-	-	
		100	7MBI100N-060	P607	-	-	-	(7MBI100UD-060)	TBD	
		150	-	-	-	-	-	(7MBI150UD-060)	TBD	
		200	-	-	-	-	-	(7MBI200UD-060)	TBD	
		300	-	-	-	-	-	(7MBI300UD-060)	TBD	
	1200	40	7MBI40N-120	P607	-	-	-	-	-	
		50	7MBI50N-120	P607	-	-	-	-	-	
		75	-	-	-	-	-	(7MBI75UD-120)	TBD	
		100	-	-	-	-	-	(7MBI100UD-120)	TBD	
		150	-	-	-	-	-	(7MBI150UD-120)	TBD	
6in1	600	300	-	-	-	-	-	(6MBI300U-060)	M629	
		400	-	-	-	-	-	(6MBI400U-060)	M629	
		600	-	-	-	-	-	(6MBI600U-060)	M629	
	1200	10	-	-	-	6MBI10S-120	M623	-	-	-
		15	-	-	-	6MBI15S-120	M623	-	-	-
		25	-	-	-	6MBI25S-120	M623	-	-	-
		35	-	-	-	6MBI35S-120	M623	-	-	-
		50	-	-	-	6MBI50S-120	M623	-	-	-
		75	-	-	-	6MBI75S-120	M626	-	-	(6MBI75UA-120) TBD
		100	-	-	-	6MBI100S-120	M626	-	-	(6MBI75UB-120) M633
		150	-	-	-	-	-	-	-	(6MBI100UB-120) M633
		225	-	-	-	-	-	-	-	(6MBI150UB-120) M633
		300	-	-	-	-	-	-	-	(6MBI225U-120) M629
450	-	-	-	-	-	-	-	(6MBI300U-120) M629		
									(6MBI450U-120) M629	

\* ( ) : Under Development

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# Fuji IGBT modules Line-up (2in1, 1in1)

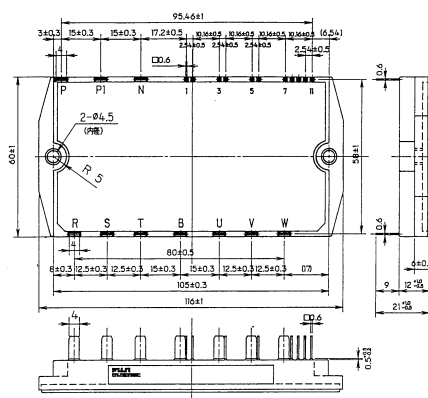
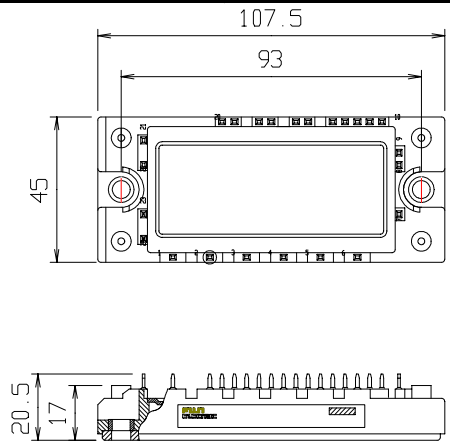
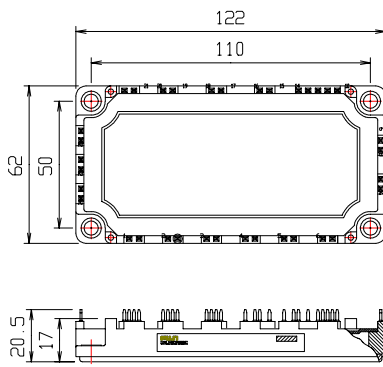
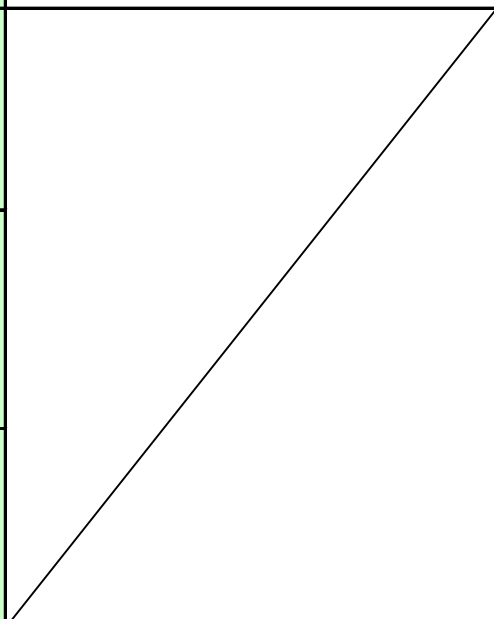
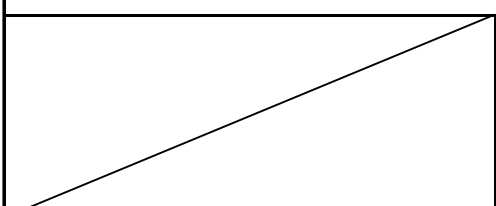
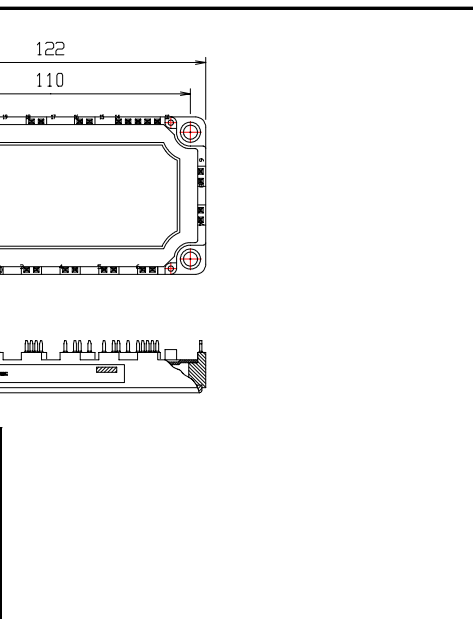
## Fuji IGBT modules Line-up

[ 2in1, 1in1 ]

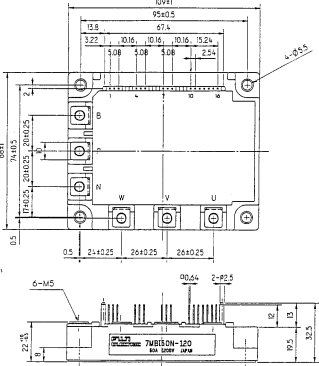
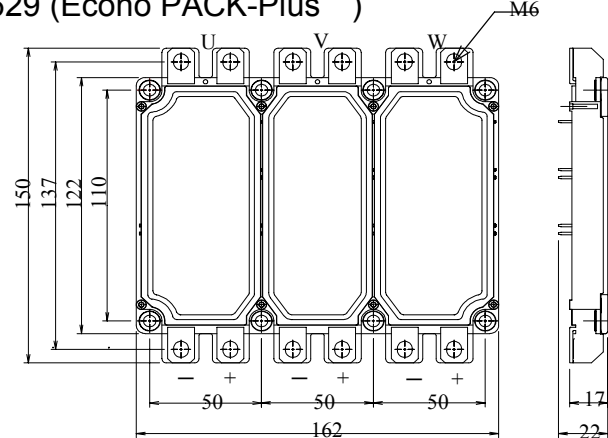
	VCE (V)	Ic (A)	3rd Gen.		4th Gen.				5th Gen.	
			N-series		S-series		T-series		U-series	
2in1	600	50	2MBI50N-060	M232	-	-	-	-	-	-
		75	2MBI75N-060	M232	-	-	-	-	-	-
		100	2MBI100N-060	M232	-	-	(2MBI100TA-060)	M232	-	-
		150	2MBI150N-060	M233	-	-	(2MBI150TA-060)	M232	(2MBI150UA-060)	M232
			2MBI150NC-060	M232	-	-	-	-	-	-
		200	2MBI200N-060	M233	-	-	(2MBI200TA-060)	M244	(2MBI200UA-060)	M232
		300	2MBI300N-060	M233	2MBI300S-060	M233	(2MBI300TA-060)	M244	(2MBI300UB-060)	M233
			2MBI300NB-060	M235	-	-	-	-	-	-
		400	2MBI400N-060	M235	-	-	(2MBI400TB-060)	M245	(2MBI400UB-060)	M233
	600	2MBI600NT-060	M238	-	-	-	-	(2MBI600UE-060)	M238	
	1200	50	2MBI50N-120	M232	-	-	-	-	-	-
		75	2MBI75N-120	M232	2MBI75S-120	M232	-	-	(2MBI75UA-120)	M232
			2MBI100N-120	M234	2MBI100S-120	M234	-	-	(2MBI100UA-120)	M232
			2MBI100NB-120	M235	2MBI100SC-120	M233	-	-	-	-
		150	2MBI100NC-120	M233	-	-	-	-	-	-
			2MBI150N-120	M234	2MBI150S-120	M234	-	-	(2MBI150UA-120)	M232
			2MBI150NB-120	M235	2MBI150SC-120	M233	-	-	(2MBI150UB-120)	M233
		200	2MBI150NC-120	M233	-	-	-	-	-	-
2MBI200N-120			M234	2MBI200S-120	M234	-	-	(2MBI200UB-120)	M233	
300	2MBI200NB-120	M235	2MBI200SB-120	M235	-	-	(2MBI300UD-120)	M235		
	2MBI300N-120	M236	2MBI300S-120	M238	-	-	(2MBI300UE-120)	M238		
450	-	-	-	-	-	-	(2MBI450UE-120)	M238		
1in1	600	600	1MBI600NP-060	M128	1MBI600S-120	M138	-	-	(1MBI600UB-120)	M138
		1MBI600NN-060	M129	-	-	-	-	-	-	
	1200	200	1MBI200N-120	M127	(1MBI200S-120B)	M127	-	-	-	-
		300	1MBI300N-120	M127	(1MBI300S-120B)	M127	-	-	-	-
	400	1MBI300NP-120	M128	-	-	-	-	-	-	
		1MBI300NN-120	M129	-	-	-	-	-	-	
		1MBI400N-120	M127	(1MBI400S-120B)	M127	-	-	-	-	
1MBI400NP-120	M128	-	-	-	-	-	-			
1MBI400NN-120	M129	-	-	-	-	-	-			

\* ( ) : Under Development

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600V	1200V	N-series	S-series	U-series
20A	10A	<b>M708 (PIM-C)</b> 	<b>M711 (EP2)</b> 	<b>M712 (EP3)</b> 
30A	15A			
50A	25A			
75A	35A			
100A	50A			
-	75A			

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600V	N-series	S-series	U-series
100A	P607 	/	TBD
150A	/		TBD
200A			TBD
300A			TBD
400A			TBD
600A			TBD
			M629 (Econo PACK-Plus™) 

\* Econo PACK-Plus™ is trademark of Eupec GmbH, Warstein

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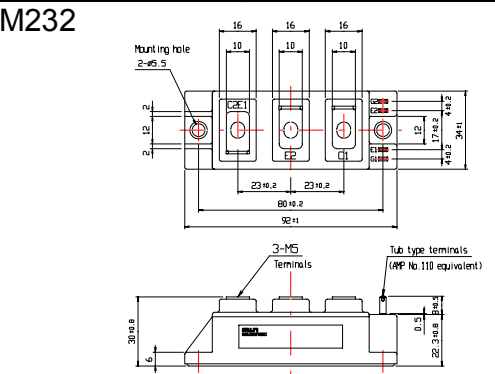
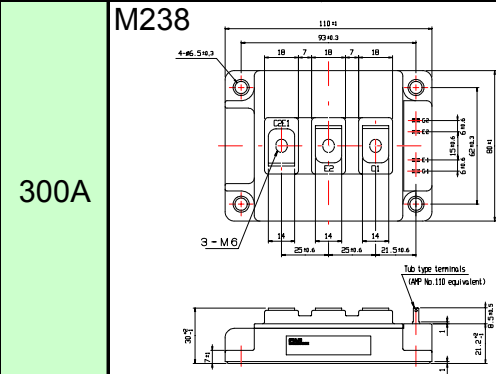
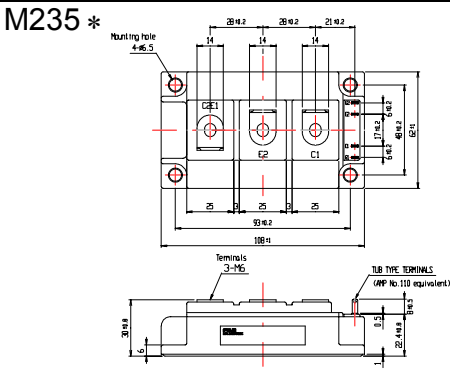
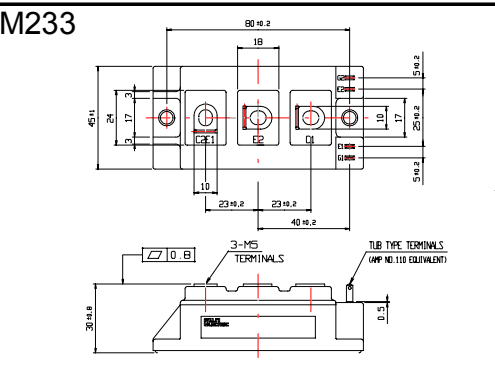
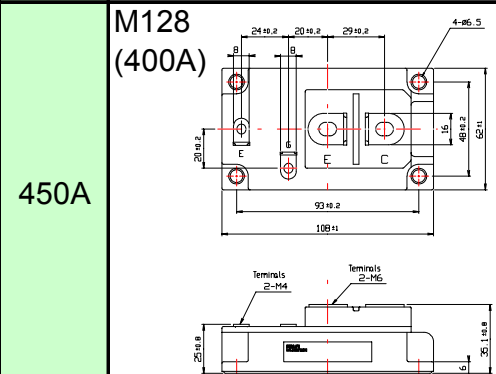
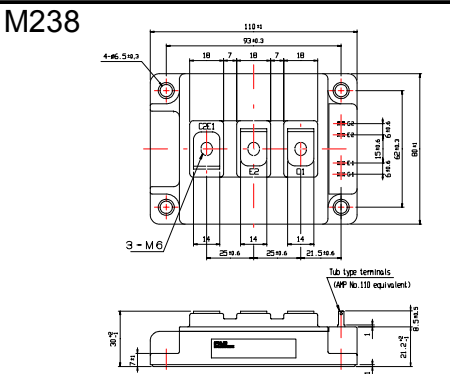
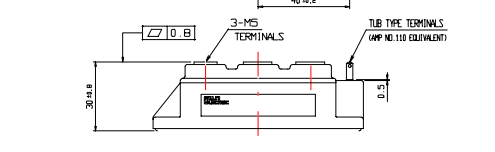
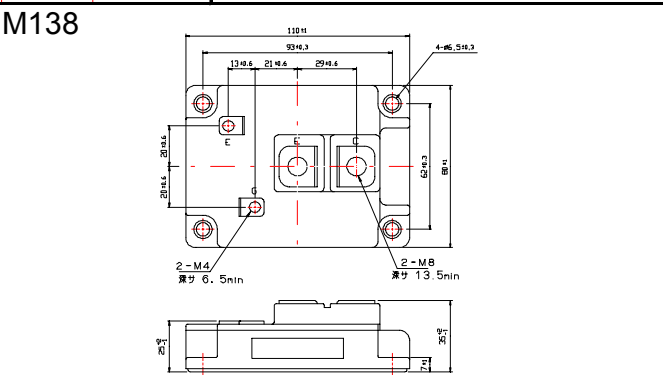
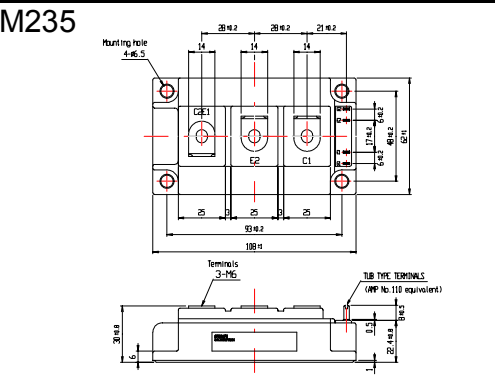


600V	N-series	T-series	U-series
100A	M232	<p>Technical drawing of the M232 T-series module. The top view shows a width of 92.1 mm and a height of 45.1 mm. It features three IGBTs with mounting holes (2-φ5.5) and terminals (E1, E2, C1, C2, C3). The side view shows a height of 30.8 mm and a terminal height of 28.3 mm.</p>	
150A		<p>Side view technical drawing of the M232 T-series module, showing a height of 30.8 mm and a terminal height of 28.3 mm. Labels include '3-M5 Terminals' and 'Tub type terminals (MPP No.110 equivalent)'.</p>	
200A	M233	M234	
300A	<p>Technical drawing of the M233 N-series module. The top view shows a width of 92.1 mm and a height of 45.1 mm. It features three IGBTs with mounting holes (2-φ5.5) and terminals (E1, E2, C1, C2, C3). The side view shows a height of 30.8 mm and a terminal height of 28.3 mm.</p>	<p>Technical drawing of the M234 T-series module. The top view shows a width of 92.1 mm and a height of 45.1 mm. It features three IGBTs with mounting holes (2-φ5.5) and terminals (E1, E2, C1, C2, C3). The side view shows a height of 30.8 mm and a terminal height of 28.3 mm.</p>	
400A	M235	M245	M233
	<p>Technical drawing of the M235 N-series module. The top view shows a width of 108.1 mm and a height of 45.1 mm. It features four IGBTs with mounting holes (2-φ5.5) and terminals (E1, E2, C1, C2, C3). The side view shows a height of 30.8 mm and a terminal height of 28.3 mm.</p>	<p>Technical drawing of the M245 T-series module. The top view shows a width of 92.1 mm and a height of 45.1 mm. It features three IGBTs with mounting holes (2-φ5.5) and terminals (E1, E2, C1, C2, C3). The side view shows a height of 30.8 mm and a terminal height of 28.3 mm.</p>	<p>Technical drawing of the M233 U-series module. The top view shows a width of 92.1 mm and a height of 45.1 mm. It features three IGBTs with mounting holes (2-φ5.5) and terminals (E1, E2, C1, C2, C3). The side view shows a height of 30.8 mm and a terminal height of 28.3 mm.</p>

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# IGBT Dual & Single-Pack Module Line-up

1200V	N-series	S-series	U-series	1200V	N-series	S-series	U-series
75A	M232 			300A	M238 		M235 * 
100A	M233 			450A	M128 (400A) 		M238 
150A	M233 			600A		M138 	
200A	M235 						

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\* M238 package of 1200V/300A U-series is also available.