

P Channel MOSFET Line Up

ESD Protection

- ◎ : ESD Level > 2kv
- : Built in ZD between Gate and Source
- × : Not Built in ZD between Gate and Source

HP	Item	V _{DSS} (V)	V _{GSS} (V)	I _D (A)	R _{DS(ON)} (Ω) (typ.)					V _{th} (V)		I _{GSS} (μA)	@V _{GSS} (V)	ESD Protection
					@ 1.5v	@ 1.8v	@ 2.5v	@ 4.5v	@ 10v	Min	Max			
G05044A	PT2002P1T	-20	± 8	-0.10	11.000	8.000	5.500	4.000		-0.50	-1.10	± 1	± 8	○
G05027A	PT1602P1T	-20	± 8	-0.20				2.200		-0.65	-1.05	± 1	± 8	○
G05104A	PC1602P1T	-20	± 8	-0.20				2.200		-0.65	-1.05	± 1	± 8	○
G05018A	PT902P1T	-20	± 8	-0.40		1.700	1.100	0.700		-0.53	-1.00	± 1	± 8	○
G05051A	PT2202P1T	-20	± 8	-0.45		1.500	1.000	0.600		-0.50	-1.20	± 1	± 8	○
G05097A	PC2202P1T	-20	± 8	-0.45		1.500	1.000	0.600		-0.50	-1.20	± 1	± 8	○
G05063A	PT2302P1A	-20	± 8	-0.60		0.550	0.370	0.250		-0.53	-1.20	± 10	± 8	○
G05048A	PT2302P1T	-20	± 8	-0.60		0.550	0.370	0.250		-0.53	-1.20	± 1	± 8	○
G05091A	PC2302P1A	-20	± 8	-0.60		0.550	0.370	0.250		-0.53	-1.20	± 10	± 8	○
G05030A	PT1802P1T	-20	± 8	-1.70		0.200	0.120	0.080		-0.53	-1.20	± 2	± 8	○
G05112A	PT2402P1T	-20	± 8	-3.00			0.070	0.050		-0.45	-1.10	± 1	± 8	○

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					@ 1.5v	@ 1.8v	@ 2.5v	@ 4.5v	@ 10v	Min	Max			
G05026A	PT1603P1T	-30	± 8	-0.20				3.200		-0.65	-1.05	± 0.5	± 8	○
G05056A	PT2203P1T	-30	± 8	-0.72		2.200	1.300	0.850		-0.50	-1.00	± 3	± 8	○
G05088A	PT1803P3T	-30	± 20	-1.50				0.190		-1.00	-1.80	± 10	± 20	◎
G05087A	PT2403P3T	-30	± 20	-2.50					0.050	-1.00	-2.00	± 10	± 20	○

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					@ 1.5v	@ 1.8v	@ 2.5v	@ 4.5v	@ 10v	Min	Max			
G05080A	PT2706P3D	-50	± 20	-0.10				5.700	4.100	-1.00	-2.00	± 10	± 20	○
G05025A	PT1606P1T	-50	± 8	-0.10				5.500		-0.65	-1.05	± 0.5	± 8	◎
G05036A	PT1606P3T	-50	± 20	-0.10				5.500	4.500	-1.00	-2.00	± 10	± 20	○
G05062A	PT1606P3D	-50	± 20	-0.10				5.500	4.500	-1.00	-2.00	± 20	± 20	◎
G05105A	PC1606P3T	-50	± 20	-0.10				5.500	4.500	-1.00	-2.00	± 10	± 20	○ (1kv)
G05074A	PT2106P3T	-50	± 20	-0.25				1.600	1.300	-1.00	-1.90	± 0.05	± 20	×
G05053A	PT2206P3T	-50	± 20	-0.30				2.000	1.800	-0.80	-2.00	± 10	± 20	○ (1kv)
G05115A	PT18B6P3T	-50	± 20	-0.70				0.350	0.250	-1.05	-1.95	± 8	± 20	◎