

4 to 16 Pin DIP Multi-channel Type

Part Number*	Pin Connection	Features	Absolute Maximum Ratings			Electrical Characteristics		Fax Document Number
			BV (Vr.m.s.)	IF (mA)	Ic (mA)	CTR (%)	tr, tf (μs)	
PS2501-1 PS2501L-1		high isolation voltage high V _{CEO} (80 V: MIN) single Tr.	5k	80	50	80 to 600	3, 5 (RL = 100 Ω)	803
PS2501-2 PS2501L-2								
PS2501-4 PS2501L-4								
PS2502-1 PS2502L-1		high isolation voltage high CTR Darlington Tr.	5k	80	160	200 to 3400	100, 100 (RL = 100 Ω)	804
PS2502-2 PS2502L-2								
PS2502-4 PS2502L-4								
PS2503-1 PS2503L-1		high isolation voltage single Tr. high speed 30 μs (RL = 10 Ω)	5k	50	30	100 to 400	30, 30 (RL = 10 k Ω)	805
PS2503-2 PS2503L-2								
PS2503-4 PS2503L-4								
PS2505-1 PS2505L-1		high isolation voltage AC input high V _{CEO} (80 V: MIN) single Tr.	5k	± 80	50	80 to 600	3, 5 (RL = 100 Ω)	806
PS2505-2 PS2505L-2								
PS2505-4 PS2505L-4								
PS2506-1 PS2506L-1		high isolation voltage AC input high CTR Darlington Tr.	5k	± 80	160	200 to 3400	100, 100 (RL = 100 Ω)	807
PS2506-2 PS2506L-2								
PS2506-4 PS2506L-4								

* "L" suffix designates lead bending type for surface mount applications.







4 to 16 Pin DIP Multi-channel Type *continued*

Part Number*	Pin Connection	Features	Absolute Maximum Ratings			Electrical Characteristics		Fax Document Number		
			BV (Vr.m.s.)	IF (mA)	Ic (mA)	CTR (%)	tr, tf (μs)			
PS2521-1 PS2521L-1		high isolation voltage large forward current input single Tr.	5 k	150	50	20 to 50	3, 5 (RL = 100 Ω)	—		
PS2521-2 PS2521L-2										
PS2521-4 PS2521L-4										
PS2525-1 PS2525L-1		high isolation voltage large forward current input AC input single Tr.		5 k	150	50	20 to 80	3, 5 (RL = 100 Ω)	865	
PS2525-2 PS2525L-2										
PS2525-4 PS2525L-4										
PS2532-1 PS2532L-1		high isolation voltage high V _{CEO} (300 V: MIN) Darlington Tr.			5 k	80	150	1500 to 6500	100, 100 (RL = 100 Ω)	808
PS2532-2 PS2532L-2										
PS2532-4 PS2532L-4										
PS2533-1 PS2533L-1		high isolation voltage high V _{CEO} (350 V: MIN) Darlington Tr.	5 k			80	150	1500 to 6500	100, 100 (RL = 100 Ω)	809
PS2533-2 PS2533L-2										
PS2533-4 PS2533L-4										
PS2561-1 PS2561L-1 PS2561L1-1 PS2561L2-1		high isolation voltage single Tr. VDE0884 (Option) BSI, SEMKO, NEMKO, DEMKO SETI recognized		5 k		50	80 to 400	3, 5 (RL = 100 Ω)	810	
PS2561-2 PS2561L-2										

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** VDE0884 Option

4 to 16 Pin DIP Multi-channel Type *continued*

Part Number*	Pin Connection	Features	Absolute Maximum Ratings			Electrical Characteristics		Fax Document Number
			BV (Vr.m.s.)	IF (mA)	Ic (mA)	CTR (%)	tr, tf (µs)	
PS2562-1 PS2562L-1		high isolation voltage Darlington Tr. VDE0884 (Option)	3.75 k** 5k	80	200	200 to 3400	100, 100 (RL = 100 Ω)	811
PS2562-2 PS2562L-2		BSI, SEMKO NEMKO, DEMKO SETI recognized			160			
PS2565-1 PS2565L-1		high isolation voltage single Tr. AC input VDE0884 (Option)			50	80 to 400	3, 5 (RL = 100 Ω)	812
PS2565-2 PS2565L-2		BSI, SEMKO NEMKO, DEMKO SETI recognized			50			
PS2566-1 PS2566L-1		high isolation voltage AC input Darlington Tr. VDE0884 (Option)			200	200 to 3400	100, 100 (RL = 100 Ω)	813
PS2566-2 PS2566L-2		BSI, SEMKO NEMKO, DEMKO SETI recognized						

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**VDE0884 Option