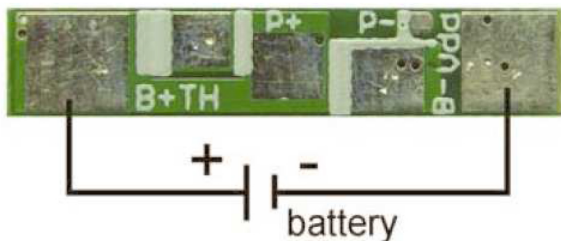


## Protection Circuit Module

For 3.7V Li-ion/Li-polymer Battery Pack  
**PCM-L01S03-293**

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:4.2V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	≤10μA
		Maximal continuous discharging current	2.5A
3	Overcharge Protection	Over charge detection voltage	4.325±0.025V
		Over charge detection delay time	0.96S~1.4S
		Over charge release voltage	4.075±0.025V
4	Over-discharge Protection	Over discharge detection voltage	2.50±0.05V
		Over discharge detection delay time	115~173mS
		Over discharge release voltage	2.9±0.05V
5	Over Current Protection	Over current detection voltage	0.15±0.05V
		Over current detection current	4±0.5A(adjustable)
		Detection delay time	5ms~15ms
		Release condition	Automatic Recovery
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Automatic Recovery
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating temperature range	-40~+85℃
		Storage temperature range	-40~+125℃
9	Size		L22.5*W4.4*T2(mm)

Remarks:



\* Characteristics subject to change without notice.