

**SELECTION GUIDE**

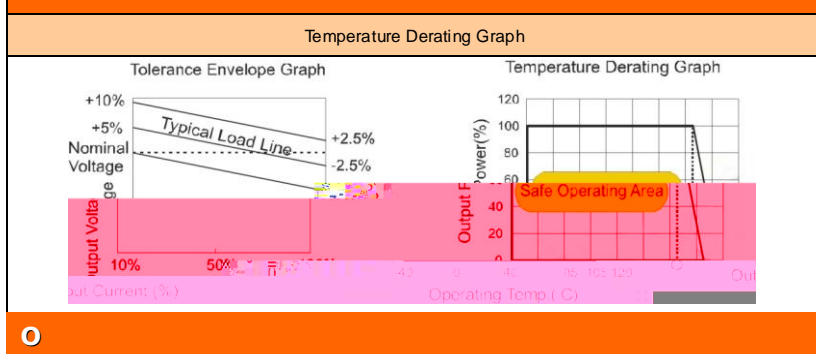
Order code	Input		Output			Efficiency (% Typ)	Switching Frequency (KHz Typ)
	Voltage(VDC)		Voltage (VDC)	Current			
	Nominal	Range		Max	Min		
QB0503XLM	5	4.5-5.5	5	50	5	79	83
QB0505XLM	5	4.5-5.5	5	100	10	70	82
QB0509XLM-	5	4.5-5.5	9	56	6	75	83
QB0512XLM	5	4.5-5.5	12	42	4	79	83
QB0515XLM	5	4.5-5.5	15	33	3	80	80
QB0524XLM	5	4.5-5.5	24	21	2	78	84
QB1205XLM	12	10.8-13	5	100	10	72	84
QB1209XLM	12	10.8-13	9	56	6	75	81
QB1212XLM	12	10.8-13	12	42	4	77	82
QB1215XLM	12	10.8-13	15	33	3	79	83
QB1224XLM	12	10.8-13	24	21	2	81	84
QB2405XLM	24	21.6-26	5	100	10	70	82

### COMMON SPECIFICATIONS

Parameter	Conditions	Min.	Typ.	Max.	Units
Storage humidity range				95	%
Operating temperature		-40		85	°C
Storage temperature		-55		125	
Lead temperature	1.5mm from case for 10 seconds		300		
Temp.rise at full load			15	25	
Cooling		Free air convection			
Case material		Plastic(UL94-V0)			
Short circuit protection*		Continuous			
				1	s
MTBF		3500			K hours
Weight			2.1		g

\*Supply voltage must be discontinued at the end of short circuit duration.

### TYPICAL CHARACTERISTICS



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