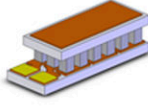
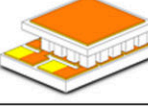
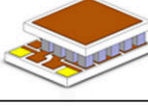
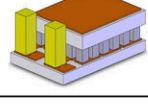
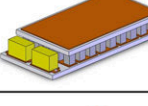
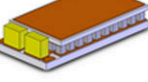


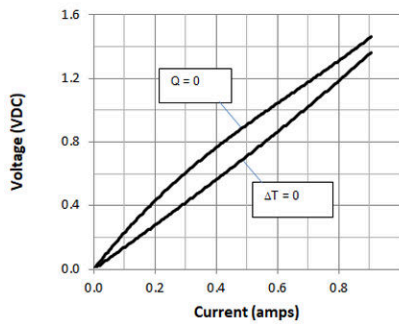
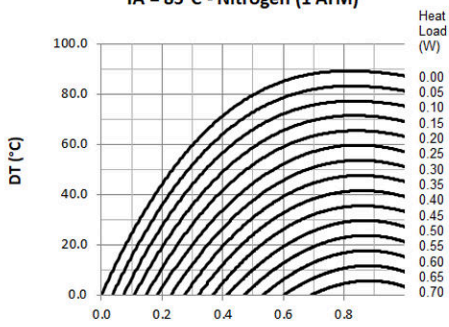
II-VI MicroTECs

II-VI Marlow's MicroTEC product line includes both standard and custom high performance TE coolers ideally suited for high volume Telecom/Datacom applications. Our standard MicroTEC product line includes 6 modules specially selected to meet many of your product development needs, and we can customize the TEC to meet your specific design requirements with AlO or AlN ceramics, 280°C (Au/Sn) solder, wirebond posts or wirebond pads, customized exterior metallization patterns, and our high performance thermoelectric material. Please contact us at 1-877-627-5691 or visit our website: www.marlow.com

Part Number	Image	# of Couples	Typical Performance at Thot = 85°C			Dimensions (mm)					Wire Bond Method
			I _{max} (A)	V _{max} (VDC)	Q _{max} (W)	X1	Y1	X2	Y2	Z	
SP8143		9	0.8	1.4	0.8	1.40	3.20	1.37	3.80	1.05	Pads
SP8094		12	0.9	1.8	1.1	2.03	2.03	2.03	2.70	0.90	Pads
SP8116		12	0.9	1.8	1.1	2.00	2.10	2.00	2.70	0.85	Pads
SP8216		15	0.9	2.2	1.3	2.50	2.98	2.50	3.90	1.59	Posts
SP8217		22	0.7	3.3	1.5	2.30	4.10	2.27	4.80	0.90	Posts
SP8156		30	0.9	4.5	2.7	2.50	4.20	2.47	4.90	0.90	Posts

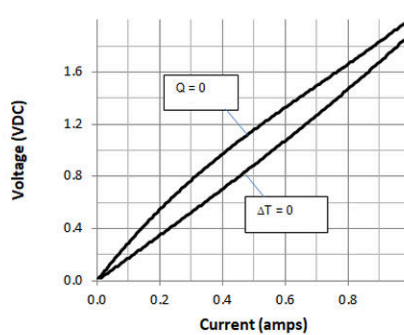
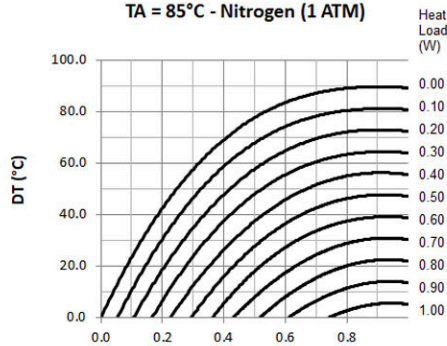
SP8143

TA = 85°C - Nitrogen (1 ATM)



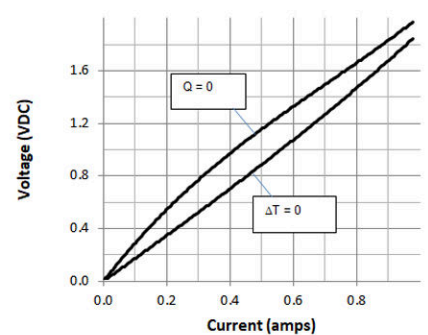
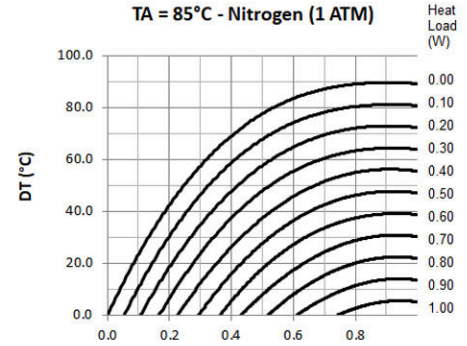
SP8094

TA = 85°C - Nitrogen (1 ATM)



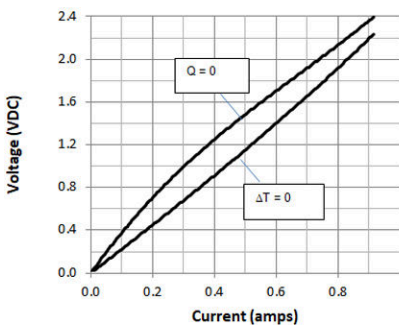
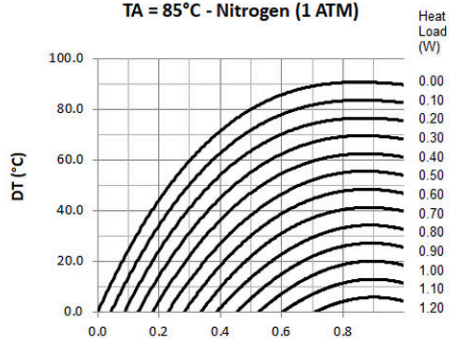
SP8116

TA = 85°C - Nitrogen (1 ATM)



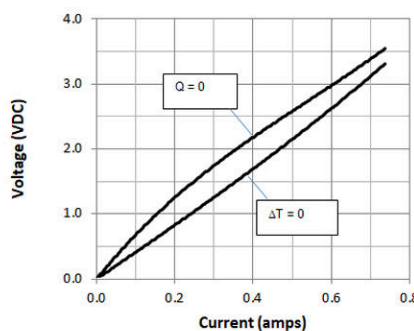
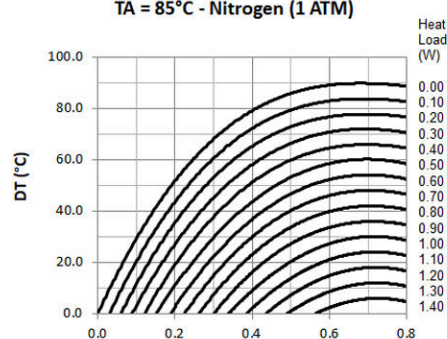
SP8216

TA = 85°C - Nitrogen (1 ATM)



SP8217

TA = 85°C - Nitrogen (1 ATM)



SP8156

TA = 85°C - Nitrogen (1 ATM)

