

# Ferrotec Nord Corp.

## PRODUCT GENERAL SPECIFICATION

Last update: January 01, 2016

### TWO-STAGE MICROMODULES

TYPE	BASIC CHARACTERISTICS, Th=25 °C, VACUUM ENVIRONMENT				DIMENSIONS, mm		
	I <sub>max</sub> , A	U <sub>max</sub> , V	Q <sub>max</sub> , W	ΔT <sub>max</sub> , °C	Cold side	Hot side	Height
2TM-29-10-0.4	0.4	3.6	0.42	98	4.8 x 4.8	6.4 x 6.4	4.7
2TM-29-10-0.5	0.5	3.6	0.52	98	4.8 x 4.8	6.4 x 6.4	4.0
2TM-29-10-0.6	0.6	3.6	0.60	98	4.8 x 4.8	6.4 x 6.4	4.2
2TM-29-14-0.7	0.7	3.6	0.92	92	8.0 x 8.0	8.0 x 8.0	3.2
2TM-29-10-0.9	0.9	3.6	0.77	98	4.8 x 4.8	6.4 x 6.4	3.3

#### DESIGNATIONS:

I<sub>max</sub> – Input current resulting in greatest ΔT<sub>max</sub>, (A)

U<sub>max</sub> – Input Voltage at ΔT<sub>max</sub>, (V)

Q<sub>cmax</sub> – Maximum heat pumping capacity at I<sub>max</sub>, ΔT = 0 K, (W)

ΔT<sub>max</sub> – Maximum temperature difference a module can achieve at I = I<sub>max</sub> and Q<sub>c</sub> = 0, (K)

#### HOW TO DECODE PELTIER MODULE MARKING:

##### Two stage modules:

2TM-127-63-6.5 M

