

# MICA BAND HEATERS



1 Week Standard



### FEATURES

- EFFICIENT HEAT TRANSFER
- EXCELLENT PERFORMANCE
- QUICK TEMPERATURE RESPONSE
- DURABLE
- CUSTOM MANUFACTURED
- EASY TO CONFIGURE IN SPECIAL SHAPES AND SIZES
- METRIC SIZES AVAILABLE

### SPECIFICATIONS

WIDTH TOLERANCE	1/16"
WATTAGE TOLERANCE	5%
STANDARD GAP - 1pc	5/16"
STANDARD GAP - 2pc	3/16"
STANDARD TERMINAL HEIGHT	13/16"

### Max Watt Density (watts / in<sup>2</sup>)

Max Watt Density on Mica Band heaters depends on how tight the heaters fit on the part and the diameter of the heater.

Heater should be tightened at room temperature, then re-tightened at operating temperature. This will ensure the heaters fit tight after the expansion of the heaters caused by temperature.

Faster on/off cycling will increase heater life.

Preventing Contamination on heater ends will reduce failures.

### Max Watt Density (Watt/in<sup>2</sup>)

Steel Temp	1.5"Dia	3"Dia	6"Dia	10"Dia	15"Dia
200°F	52	48	45	41	36
400°F	48	44	41	38	35
600°F	40	37	35	32	29
800°F	26	25	24	22	20
900°F	16	15	14	12	10

## STOCK - Mica Band Heaters



### STOCK - Mica Band Heaters - with Post Terminals

Dia	Width	Volt	W	1pc or 2pc	Part#
3.5"	1"	120	300	1pc	BH-BA035-010A
3.5"	1"	240	300	1pc	BH-BA035-010B
3.5"	1.5"	240	500	1pc	BH-BA035-015C
3.5"	2"	120	500	1pc	BH-BA035-020B
3.5"	2"	240	500	1pc	BH-BA035-020C
3.5"	2.5"	240	750	1pc	BH-BA035-025A
3.75"	1"	240	300	1pc	BH-BA037-010A
3.75"	1.5"	240	700	1pc	BH-BA037-015A
3.75"	2.5"	240	850	1pc	BH-BA037-025A
4"	1"	240	625	1pc	BH-BA040-010B
4"	1.5"	240	550	1pc	BH-BA040-015H
4"	1.5"	240	750	1pc	BH-BA040-015J
4"	2"	240	600	1pc	BH-BA040-020D
4"	2"	240	800	1pc	BH-BA040-020E
4"	2.5"	240	1000	1pc	BH-BA040-025B
4"	4"	240	1250	1pc	BH-BA040-040A
4.5"	1"	240	350	1pc	BH-BA045-010A
4.5"	1.5"	240	650	1pc	BH-BA045-015G
4.5"	2"	240	500	1pc	BH-BA045-020C
4.5"	2.5"	240	1000	1pc	BH-BA045-025A
4.75"	1.5"	240	600	1pc	BH-BA047-015A
4.75"	1.5"	480	600	1pc	BH-BA047-015B
4.81"	2"	240	760	1pc	BH-BA048-020A

Dia	Width	Volt	W	1pc or 2pc	Part#
4.81"	2"	480	760	1pc	BH-BA048-020B
5"	1.5"	240	750	1pc	BH-BA050-015E
5"	2"	240	800	2pc	BH-BA050-020A
5"	3"	240	1200	1pc	BH-BA050-030D
5"	3.25"	240	1250	1pc	BH-BA050-032A
5.25"	1"	240	500	1pc	BH-BA052-010A
5.25"	1.5"	240	600	1pc	BH-BA052-015B
5.25"	1.5"	240	1000	1pc	BH-BA052-015C
5.5"	1.5"	240	800	2pc	BH-BA055-015E
5.5"	2"	240	1000	2pc	BH-BA055-020A
5.75"	1.5"	240	600	1pc	BH-BA057-015A
6"	1.5"	240	850	1pc	BH-BA060-015E
6"	1.5"	240	600	2pc	BH-BA060-015F
6"	1.5"	240	900	2pc	BH-BA060-015G
6"	2"	240	1000	2pc	BH-BA060-020A
6"	3"	240	1400	2pc	BH-BA060-030A
6.25"	3"	240	1500	2pc	BH-BA062-030A
6.5"	1.5"	240	950	2pc	BH-BA065-015B
6.5"	2"	240	1000	2pc	BH-BA065-020D
6.75"	1.5"	240	750	2pc	BH-BA067-015C
6.75"	2"	240	1300	2pc	BH-BA067-020A
7"	1.5"	240	950	2pc	BH-BA070-015B
7"	1.5"	240	1100	2pc	BH-BA070-015C

Dia	Width	Volt	W	1pc or 2pc	Part#
7.25"	2"	240	900	2pc	BH-BA072-020A
7.5"	1.5"	240	1200	2pc	BH-BA075-015B
7.5"	3"	240	1800	2pc	BH-BA075-030B
7.75"	1.5"	240	1000	2pc	BH-BA077-015A
7.75"	3"	240	2000	2pc	BH-BA077-030A
8"	1.5"	240	950	2pc	BH-BA080-015A
8"	1.5"	240	1200	2pc	BH-BA080-015B
8"	2"	240	1500	2pc	BH-BA080-020A
8"	3"	240	2250	2pc	BH-BA080-030A
8.25"	2"	240	1500	2pc	BH-BA082-020B
8.5"	1.5"	240	1200	2pc	BH-BA085-015A
8.5"	2"	240	1600	2pc	BH-BA085-020A
9"	1.5"	240	1300	2pc	BH-BA090-015B
9"	2"	240	1800	2pc	BH-BA090-020A
9.5"	3"	240	2000	2pc	BH-BA095-030A
9.75"	2"	240	2000	2pc	BH-BA097-020A
10"	1.5"	240	1400	2pc	BH-BA100-015A
11"	1.5"	240	1600	2pc	BH-BA110-015B
11"	2"	240	1200	2pc	BH-BA110-020A
11"	2"	240	2000	2pc	BH-BA110-020B
11.5"	1.5"	240	1650	2pc	BH-BA115-015A
12"	2"	240	2300	2pc	BH-BA120-020A

## STOCK - Mica Nozzle Heaters

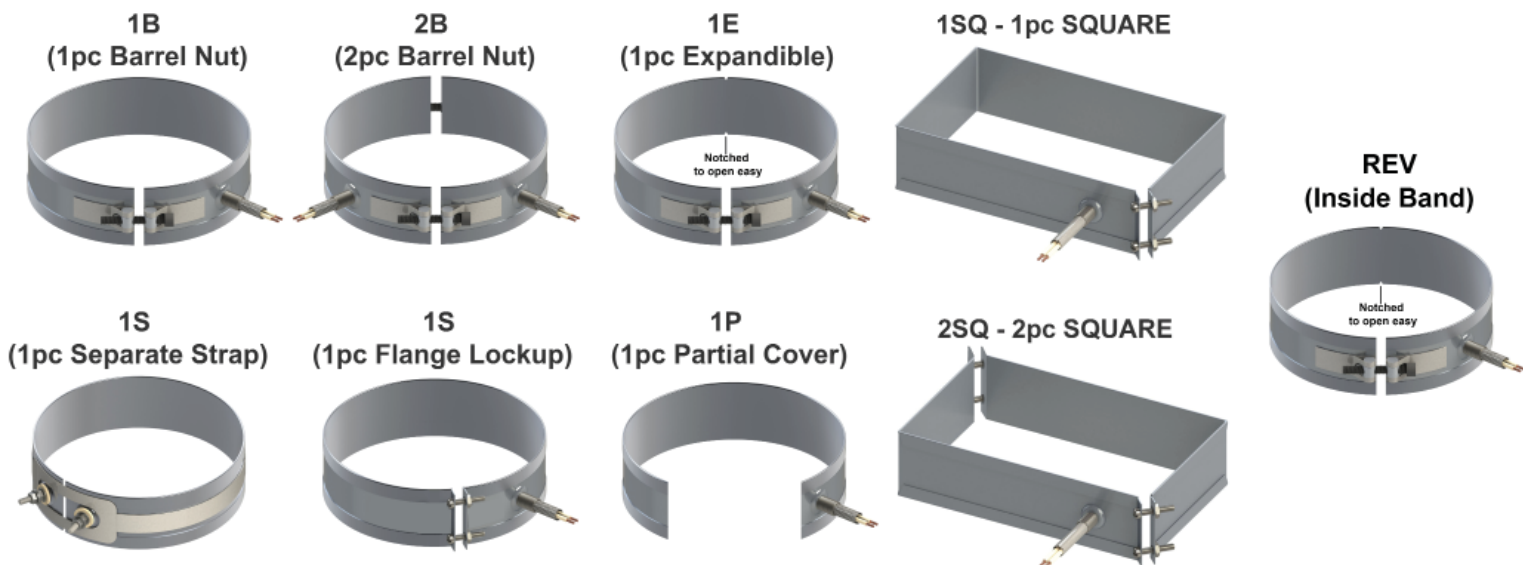


### Stock Mica Nozzle Heaters

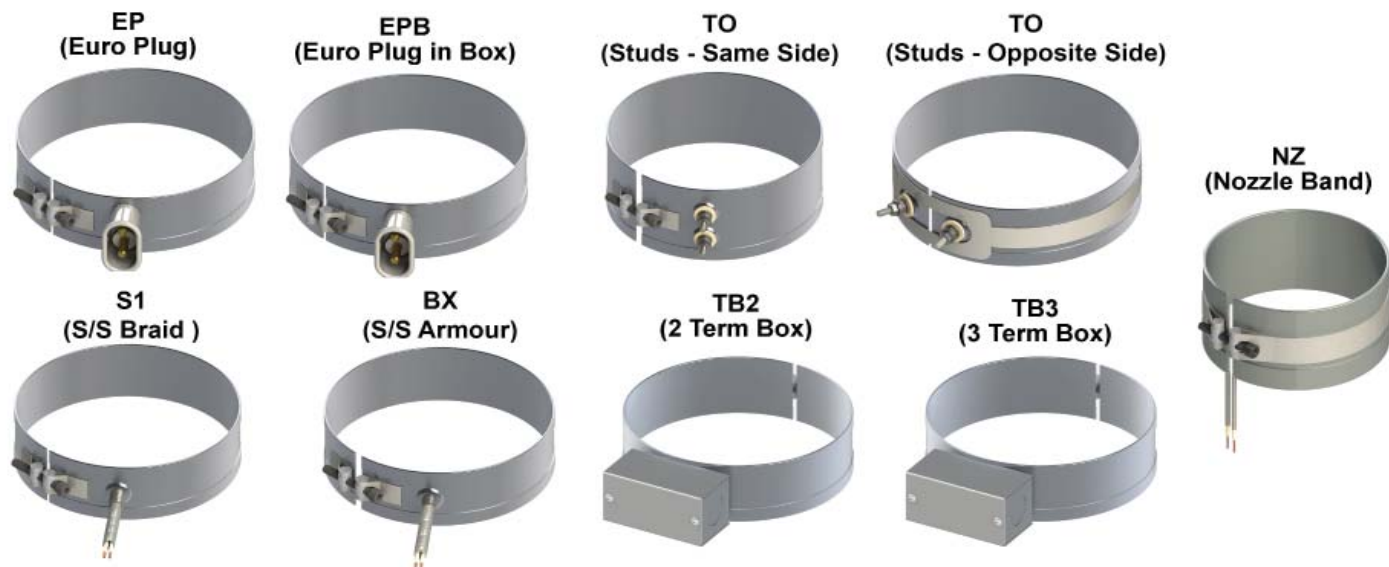
Dia	Width	Watts	Type	120V	240V
1"	1"	100	S	BH-NZ1010-10100	BH-NZ1010-20100
1"	1"	125	S	BH-NZ1010-10125	BH-NZ1010-20125
1"	1"	125	B	BH-NZ1010-10125B	BH-NZ1010-20125B
1"	1.5"	150	S	BH-NZ1015-10150	BH-NZ1015-20150
1"	2"	200	S	BH-NZ1020-10200	BH-NZ1020-20200
1"	3"	300	S	BH-NZ1030-10300	BH-NZ1030-20300
1"	4"	400	S	BH-NZ1040-10400	BH-NZ1040-20400
1.5"	1"	150	S	BH-NZ1510-10150	BH-NZ1510-20150
1.5"	1.5"	250	S	BH-NZ1515-10250	BH-NZ1515-20250
1.5"	1.5"	275	S	BH-NZ1515-10275	BH-NZ1515-20275
1.5"	1.5"	275	B	BH-NZ1515-10275B	BH-NZ1515-20275B
1.5"	1.5"	300	S	BH-NZ1515-10300	BH-NZ1515-20300
1.5"	1.5"	300	B	BH-NZ1515-10300B	BH-NZ1515-20300B
1.5"	2"	300	S	BH-NZ1520-10300	BH-NZ1520-20300
1.5"	2.5"	400	S	BH-NZ1525-10400	BH-NZ1525-20400
1.5"	3"	450	S	BH-NZ1530-10450	BH-NZ1030-20450
1.5"	3"	450	B	BH-NZ1530-10450B	BH-NZ1030-20450B
1.5"	4"	550	S	BH-NZ1540-10550	BH-NZ1540-20550

Dia	Width	Watts	Type	120V	240V
1.5"	5"	700	S	BH-NZ1550-10700	BH-NZ1550-20700
1.5"	6"	900	S	BH-NZ1560-10900	BH-NZ1560-20900
1.75"	1.5"	300	S	BH-NZ1715-10300	BH-NZ1715-20300
1.75"	2"	350	S	BH-NZ1720-10350	BH-NZ1720-20350
1.75"	3"	500	S	BH-NZ1730-10500	BH-NZ1730-20500
2"	1"	200	S	BH-NZ2010-10200	BH-NZ2010-20200
2"	1.5"	300	S	BH-NZ2015-10300	BH-NZ2015-20300
2"	2"	400	S	BH-NZ2020-10400	BH-NZ2020-20400
2"	2.5"	500	S	BH-NZ2025-10500	BH-NZ2025-20500
2"	3"	600	S	BH-NZ2030-10600	BH-NZ2030-20600
2.5"	1"	300	S	BH-NZ2510-10300	BH-NZ2510-20300
2.5"	1.5"	350	S	BH-NZ2515-10350	BH-NZ2515-20350
2.5"	2"	500	S	BH-NZ2520-10500	BH-NZ2520-20500
2.5"	3"	700	S	BH-NZ2530-10700	BH-NZ2530-20700
3"	1"	300	S	BH-NZ3010-10300	BH-NZ3010-20300
3"	1.5"	400	S	BH-NZ3015-10400	BH-NZ3015-20400
3"	2"	600	S	BH-NZ3020-10600	BH-NZ3020-20600
3"	3"	1000	S	BH-NZ3030-11000	BH-NZ3030-21000

## Construction Types



## Electrical Terminals



## OPTIONS

### CERAMIC TERM COVERS



### INTERNAL THERMOCOUPLE (J/K)



## MICA BAND HEATER - Custom Specification Sheet

Company \_\_\_\_\_ City \_\_\_\_\_

Contact \_\_\_\_\_ Phone \_\_\_\_\_ Email \_\_\_\_\_

Max Operating Temp \_\_\_\_\_ F \_\_\_\_\_ C

**DIA** \_\_\_\_\_ in \_\_\_\_\_ mm    **Width** \_\_\_\_\_ in \_\_\_\_\_ mm    **Watt** \_\_\_\_\_    **Volts** \_\_\_\_\_    **1PH/3PH** \_\_\_\_\_Qty \_\_\_\_\_    Date Required :  1day     1week     2week

### CONSTRUCTION:

 1-piece     2-piece     Partial (need DWG)     Expandable     2-pc Hinged     Internal

### CLAMPING:

 Barrel Nut     Flange     Separate Strap     Low Profile Strap

### ELECTRICAL TERMINATION

Post Terminals     180°Gap     Same Side     Opposite Side     Dual Voltage     Ground     Ceramic CapsLeadwire     TGGT (482°F/250°C)     MGT(900°F/450°C)    LENGTH \_\_\_\_\_  
 S/S Overbraid     S/S Armour    LENGTH \_\_\_\_\_ LOCATION \_\_\_\_\_Terminal Box     TB2(2 Terminal)     TB3(3 Terminal)    LOCATION \_\_\_\_\_Euro Plug     EP(standard)     EPB(in BOX)    LOCATION \_\_\_\_\_Internal Thermocouple     Internal T/C    TYPE  J     K

### HOLES

(need sketch)