

Ceramic Heaters



- Helically wound nickel/chrome windings.
- Nickel plated steel housing.
- Built in ceramic fibre insulation (reduces power consumption by 25%).
- Eliminates the need for numerous narrow or two piece band heaters.
- Fully flexible case for ease of installation.
- Excellent thermal insulation & energy conservation
- High operating temperatures of up to 700°C
- Ceramic Heater Bands have a longer heater life.

Ceramic bands supplied with post terminals and terminal box opposite gap. (Other terminations available)

NOTE:
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Dia (mm)	Width (mm)	Dia inch	Width inch	watts	Part No
75	51	3"	2"	650	CER3020
	57		2 1/4"	700	CER3022
	64		2 1/2"	780	CER3025
	70		2 3/4"	850	CER3027
	76		3"	950	CER3030
	89		3 1/2"	1100	CER3035
	102		4"	1250	CER3040
	127		5"	1550	CER3050
	152		6"	1900	CER3060
	178		7"	2200	CER3070
	203		8"	2500	CER3080
	229		9"	2800	CER3090
	254		10"	3100	CER30100
90	51	3 1/2"	2"	750	CER3520
	57		2 1/4"	820	CER3522
	64		2 1/2"	920	CER3525
	70		2 3/4"	1000	CER3527
	76		3"	1100	CER3530
	89		3 1/2"	1300	CER3535
	102		4"	1500	CER3540
	127		5"	1850	CER3550
	152		6"	2200	CER3560
	178		7"	2600	CER3570
	203		8"	2900	CER3580
	229		9"	3300	CER3590
	254		10"	3700	CER35100
100	51	4"	2"	850	CER4020
	57		2 1/4"	950	CER4022
	64		2 1/2"	1050	CER4025
	70		2 3/4"	1150	CER4027
	76		3"	1250	CER4030
	89		3 1/2"	1500	CER4035
	102		4"	1700	CER4040
	127		5"	2100	CER4050
	152		6"	2500	CER4060
	178		7"	3000	CER4070
	203		8"	3400	CER4080
	229		9"	3800	CER4090
	254		10"	4200	CER40100
115	51	4 1/2"	2"	950	CER4520
	57		2 1/4"	1050	CER4522
	64		2 1/2"	1100	CER4525
	70		2 3/4"	1300	CER4527
	76		3"	1400	CER4530
	89		3 1/2"	1650	CER4535
	102		4"	1900	CER4540
	127		5"	2300	CER4550
	152		6"	2750	CER4560
	178		7"	3300	CER4570
	203		8"	3700	CER4580
	229		9"	4200	CER4590
	254		10"	4600	CER45100

Dia (mm)	Width (mm)	Dia inch	Width inch	watts	Part No
125	51	5"	2"	1100	CER5020
	57		2 1/4"	1200	CER5022
	64		2 1/2"	1300	CER5025
	70		2 3/4"	1450	CER5027
	76		3"	1600	CER5030
	89		3 1/2"	1900	CER5035
	102		4"	2100	CER5040
	127		5"	2700	CER5050
	152		6"	3200	CER5060
	178		7"	3700	CER5070
	203		8"	4300	CER5080
	229		9"	4800	CER5090
	254		10"	5300	CER50100
140	51	5 1/2"	2"	1200	CER5520
	57		2 1/4"	1300	CER5522
	64		2 1/2"	1500	CER5525
	70		2 3/4"	1600	CER5527
	76		3"	1800	CER5530
	89		3 1/2"	2100	CER5535
	102		4"	2400	CER5540
	127		5"	2900	CER5550
	152		6"	3500	CER5560
	178		7"	4100	CER5570
	203		8"	4700	CER5580
	229		9"	5300	CER5590
	254		10"	5900	CER55100
150	51	6"	2"	1300	CER6020
	57		2 1/4"	1400	CER6022
	64		2 1/2"	1600	CER6025
	70		2 3/4"	1800	CER6027
	76		3"	1900	CER6030
	89		3 1/2"	2200	CER6035
	102		4"	2600	CER6040
	127		5"	3200	CER6050
	152		6"	3900	CER6060
	178		7"	4500	CER6070
	203		8"	5100	CER6080
	229		9"	5800	CER6090
	254		10"	6400	CER60100
165	51	6 1/2"	2"	1400	CER6520
	57		2 1/4"	1600	CER6522
	64		2 1/2"	1700	CER6525
	70		2 3/4"	1900	CER6527
	76		3"	2100	CER6530
	89		3 1/2"	2400	CER6535
	102		4"	2800	CER6540
	127		5"	3500	CER6550
	152		6"	4200	CER6560
	178		7"	4900	CER6570
	203		8"	5600	CER6580
	229		9"	6300	CER6590
	254		10"	7000	CER65100

DIA (MM)	WIDTH (MM)	PART NO
45	60	CER4560
45	90	CER4590
50	70	CER5070
65	100	CER65100
80	100	CER80100
80	120	CER80120
90	50	CER9050
170	140	CER170140

Ceramic Heaters

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- Nickel plated steel housing.
- Built in ceramic fibre insulation
- Reduces power consumption by 25%
- Eliminates the need for numerous narrow bands.
- Fully flexible case for ease of installation.
- Excellent thermal insulation & energy conservation
- High operating temperatures of up to 700°C
- Ceramic Heater Bands have a longer heater life.



Ceramic bands supplied with post terminals and terminal box opposite gap.
(Other terminations available)

- Wide variety of terminations available: terminal box standard.
- Designed to your specification - holes and cut-outs are possible.

NOTE:

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Dia (mm)	Width (mm)	Dia inch	Width inch	watts	Part No
180	51	7"	2"	1500	CER7020
	57		2 1/4"	1700	CER7022
	64		2 1/2"	1900	CER7025
	70		2 3/4"	2100	CER7027
	76		3"	2300	CER7030
	89		3 1/2"	2600	CER7035
	102		4"	3000	CER7040
	127		5"	3800	CER7050
	152		6"	4500	CER7060
	178		7"	5300	CER7070
	203		8"	6000	CER7080
	229		9"	6800	CER7090
	254		10"	7500	CER70100
	190		51	7 1/2"	2"
57		2 1/4"	1800		CER7522
64		2 1/2"	2000		CER7525
70		2 3/4"	2200		CER7527
76		3"	2400		CER7530
89		3 1/2"	2800		CER7535
102		4"	3200		CER7540
127		5"	4000		CER7550
152		6"	4800		CER7560
178		7"	5700		CER7570
203		8"	6700		CER7580
229		9"	7300		CER7590
254		10"	8100		CER75100
205		51	8"		2"
	57	2 1/4"		1900	CER8022
	64	2 1/2"		2200	CER8025
	70	2 3/4"		2400	CER8027
	76	3"		2600	CER8030
	89	3 1/2"		3000	CER8035
	102	4"		3500	CER8040
	127	5"		4300	CER8050
	152	6"		5200	CER8060
	178	7"		6000	CER8070
	203	8"		6900	CER8080
	229	9"		7800	CER8090
	254	10"		8600	CER80100

Dia (mm)	Width (mm)	Dia inch	Width inch	watts	Part No		
220	51	8 1/2"	2"	1800	CER8520		
	57		2 1/4"	2100	CER8522		
	64		2 1/2"	2300	CER8525		
	70		2 3/4"	2500	CER8527		
	76		3"	2800	CER8530		
	89		3 1/2"	3200	CER8535		
	102		4"	3700	CER8540		
	127		5"	4600	CER8550		
	152		6"	5500	CER8560		
	178		7"	6400	CER8570		
	203		8"	7300	CER8580		
229	9"	8 1/2"	9"	8300	CER8590		
	254		10"	9200	CER85100		
	230		51	9"	2"	1900	CER9020
			57		2 1/4"	2200	CER9022
			64		2 1/2"	2400	CER9025
			70		2 3/4"	2700	CER9027
76		3"	2900		CER9030		
89		3 1/2"	3400		CER9035		
102		4"	3900		CER9040		
127		5"	4900		CER9050		
152		6"	5800		CER9060		
178		7"	6800		CER9070		
203		8"	7800		CER9080		
229	9"	9"	9"	8800	CER9090		
	254		10"	9700	CER90100		
	255		51	10"	2"	2200	CER10020
			57		2 1/4"	2400	CER10022
			64		2 1/2"	2700	CER10025
			70		2 3/4"	3000	CER10027
76		3"	3200		CER10030		
89		3 1/2"	3800		CER10035		
102		4"	4300		CER10040		
127		5"	5400		CER10050		
152		6"	6500		CER10060		
178		7"	7600		CER10070		
203		8"	8700		CER10080		
229	9"	9"	9"	9700	CER10090		
	254		10"	10800	CER100100		

PRICE PROMISE
We will not be beaten on price for similar product with the same quality and specification

01536 206653
nickerson europe
fax 01536 202196
sales@nickerson europe.co.uk

01536 403886
PMS
Plastic Moulding Supplies
fax 01536 400003
sales@pmseurope.com

CALL TODAY FOR BEST PRICES

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- Nickel plated steel housing.
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Ceramic bands supplied with post terminals and terminal box opposite gap. (Other terminations available)

Standard band diameters: Standard Band widths:

Dia (mm)	Dia inch
75	3"
90	3 1/2"
100	4"
115	4 1/2"
125	5"
140	5 1/2"
150	6"
165	6 1/2"
180	7"
190	7 1/2"
205	8"
220	8 1/2"
230	9"
255	10"

50mm
60
65
70
75
90
100
125
150
180
200
230
250

Standard Ceramic Heater bands are supplied with post terminals and terminal box opposite gap. Please call for pricing information to determine total price for the configuration you require. Consult our factory for specials.

To calculate approximate wattage:

dia x length x 0.1666

e.g.: 150 x 175 x 0.1666 = 4373W

To Order:

Diameter: (from list above).....

Length: (from list above).....

VOLTAGE 240, 415.....

OPTIONS: T/C HOLE, BOX, LEADS

LEAD LENGTH: (IF REQUIRED).....

Ceramic Band Lead Options



- Options**
- T/C hole
 - T/C boss (State thread size)
 - Cut-outs
 - 3 phase Star & special box
 - 3 phase Delta & special box
 - 2 pin Socket

Armour wire

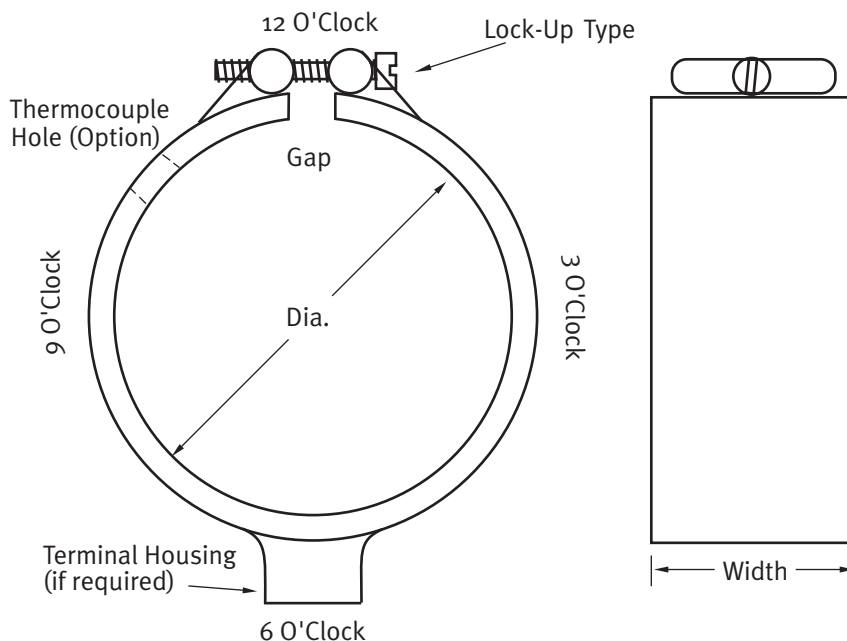
Band Amps	Use wire	WATTAGE (@ 240v)
5 AMP	10A	1200W
10 AMP	15A	2400W
15 AMP	20A	3600W
20 AMP	25A	4800W
>30 AMP		7000W

Lead Options

LEAD TYPE	2 LEADS + EARTH	3 PHASE DELTA 3 LEADS + EARTH	3 PHASE STAR 4 LEADS + EARTH

Barrel Band Order Form

To order special Ceramic or Mica Barrel Bands, please provide dimensions listed below. Where possible, fax a copy of this page with all dimensions and specific requirements described on the diagram.



Required Information:

A. Inside Diameter _____ B. Width _____ C. Watts _____
 D. Volts _____ 120 / 240 / 480 / Other _____
 E. Construction _____ 1 Piece/ 2 Piece _____ F. Quantity Required _____

Options

G. Type of Lock-up _____ Strap _____ Clamping Bars _____
 H. Lead Type _____
 I. Lead Length _____ J. Lead Exit Location (eg. 180° from Gap) _____
 K. Terminal Box _____ Yes / No _____
 L. Thermocouple Hole _____ Diameter _____ Location _____
 Machine Make: _____ Model: _____ Year: _____

Name _____
 Company _____
 Address _____
 City _____
 post code _____
 Phone () _____
 Fax () _____