

Date: 5/16/2024
Customer: Jed
Contact:
Part Number: JED.2500W/240V.COIL [New Part]
Proposal Number: J-5162024-DM
Salesperson: Douglas Maxwell

HEATING ELEMENTS, *it's what we do*

For additional information on our capabilities and product offerings, as well as to confirm stock levels and technical information, please visit www.resistancewire.com.

Hot Zone Characteristics:

Coil/Element Alloy		KA1
		Imperial
Diameter	(AWG)	15
Diameter	(in)	0.0571
Coil ID	(in)	0.361
Coil OD	(in)	0.475
Coil D/d		8.32:1
Length (Wire)	(ft)	82
	(in)	5
Turn Length	(in)	1.313
Number of Turns		753.0
Length (Coil)	(in)	42.97
Stretch Length	(in)	102.00
Stretch Ratio		2.37:1

Terminal Characteristics:

Termination Type		Double Twist
Terminal Alloy		KA1
		Imperial
Terminal Dia	(AWG)	15
Diameter	(in)	0.1141
Tail Length 1	(in)	4
Tail Length 2	(in)	4
Tail Type	(Style)	G

Electrical Characteristics:

Element Temperature	(°F/°C)	1334°C
Application Temperature	(°F/°C)	1300°C
Power	(watts)	2,500
Voltage	(volts)	240
Current	(amps)	10.42
Coil Resistance (cold)	(Ohm)	22.065
Terminal Resistance	(Ohm)	0.089
Total Hot Resistance	(Ohm)	23.040
Total Cold Resistance	(Ohm)	22.154
Power dissipated in Hot Zone		100%
Surface Loading	(watts/sqin)	14.105
	(watts/sqcm)	2.19

Weight per Coil/Element:

Coil/Element (weight)	0.68 lbs
Terminal (weight)	0.01 lbs
Total Weight Per Element	0.69 lbs

Proposed Pricing:

Part Number: JED.2500W/240V.COIL [New Part]
Description: KA1-15 15 ga. KA1:22.065+-.475 OD:4in G-Tails:102 in. stretch
Alloy Chemistry: 22% Cr, 5.8% Al, Bal - Fe - reference only
***Surcharge REF:** \$0.91 / lb (May)
Lead time: 10-15 business days after receipt of order

Qty	Base Price	*Surcharge	Total Price
1 pcs	\$135.00 / pcs	\$0.63 / pcs	\$135.63 / pcs

** All prices subject to \$50.00 minimum per line for manufactured items and \$50.00 minimum per order for material "as is" in inventory.

** Metals surcharge, tariff (if applicable) and all other fees do not apply towards minimum.

** Surcharge is adjusted monthly based on current global nickel commodity market and will be applied on date of shipment, not date of order.

** Shipping, handling, taxes, and surcharge (as well as tariff if applicable) will be billed as separate line item(s) on your invoice.

** This quote is valid for 30 days from date of submission. Please reference quotation number on subsequent orders.

** All payments to Hyndman Industrial Products, Inc. by credit card will be subject to a 3.5% processing fee.

** Hyndman Industrial Products accepts no responsibility or liability for results attained through the use of this program.