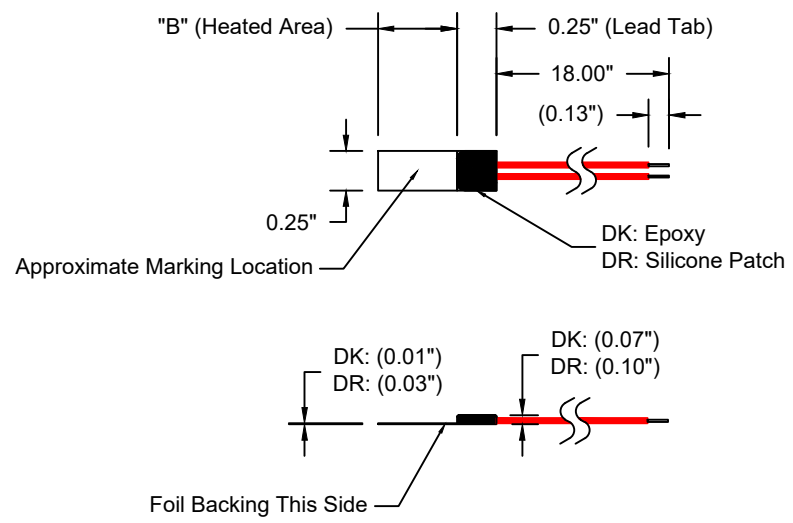


P/N	Dimension A (in)	Dimension B (in)	Wire Gauge	Operating Voltage	Power @ 2.5 W/in ²	Power @ 5 W/in ²
1000	0.25	0.25	30	1	0.16	0.31
1001	0.25	0.50	30	2	0.31	0.63
1002	0.25	0.75	28	2	0.47	0.94
1003	0.25	1.00	28	2	0.63	1.25

REV	DATE	DESCRIPTION
A	01/30/20	RELEASE

Separate Piece of 3M F9469PC PSA Supplied with Each Heater
(Same Footprint as Heater)



Part Number Breakdown

DK1000-2.5
A B C

A:
DK = Polyimide (Kapton)
DR = Silicone Rubber

B:
Size = See Charts

C:
2.5 = 2.5 W/in²
5 = 5W/in²


Marking Information:
(Ink Jet)


P/N
Date (Week/Year)

NOTES:

1. Heater Leads: MIL-W-16878/4, Red
2. All Lead Terminations Soldered
3. Foil Backing: 0.003" Aluminum
4. Max Operating Temperature: 150°C

TITLE: DK & DR Heaters

Tolerances:			SHEET: 1 OF 3
Part Dimensions: .xx = 0.02" .xxx = 0.010"	Lead Lengths: ± 0.50"	Power: -10%, +5%	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES
			 <small>THIRD ANGLE PROJECTION</small>
ENG. BY: MVB	DATE: 01/30/20		
ENG. APP.: MB	DATE: 01/30/20		



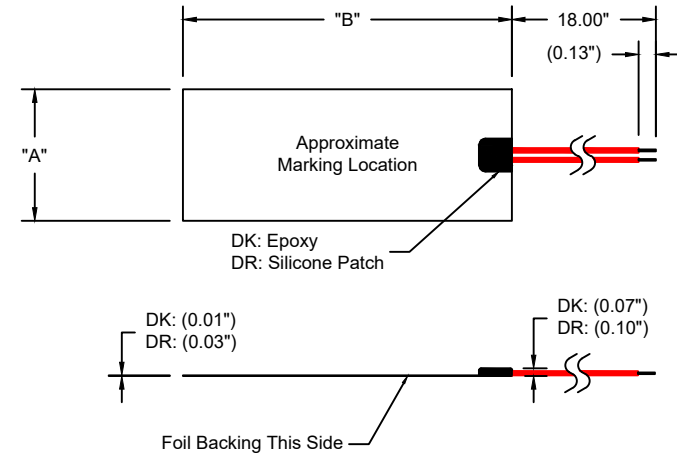
BIRK MFG, INC.
14 CAPITOL DRIVE
EAST LYME, CT 06333
(860) 739-4170

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HIPOT:	VOLTAGE: 500	TYPE: AC	TIME: 1 SEC.
INSPECTION:	VISUAL: Z1.4 AQL 1	RESISTANCE: 100%	HIPOT: 100%

P/N	Dimension A (in)	Dimension B (in)	Wire Gauge	Operating Voltage	Power @ 2.5 W/in ²	Power @ 5 W/in ²
1004	0.5	0.5	30	2	0.63	1.25
1005	0.5	1	30	8	1.25	2.50
1006	0.5	2	30	12	2.50	5.00
1007	0.5	3	30	12	3.75	7.50
1008	0.5	5	30	12	6.25	12.50
1009	0.75	0.75	30	6	1.41	2.81
1010	0.75	2	30	12	3.75	7.50
1011	1	1	30	12	2.50	5.00
1012	1	2	30	12	5.00	10.00
1013	1	5	28	12	12.50	25.00
1014	1.5	1.5	30	12	5.63	11.25
1015	1.5	3	28	12	11.25	22.50
1016	2	2	28	12	10.00	20.00
1017	2	4	26	12	20.00	40.00
1018	2	5	28	24	25.00	50.00
1019	3	3	26	12	22.50	45.00
1020	3	6	26	24	45.00	90.00
1021	4	4	28	48	40.00	80.00
1022	4	8	28	110	80.00	160.00
1023	5	5	28	110	62.50	125.00
1024	5	10	26	110	125.00	250.00
1025	6	6	28	110	90.00	180.00
1026	6	12	26	110	180.00	360.00

REV	DATE	DESCRIPTION
A	01/30/20	RELEASE



Separate Piece of 3M F9469PC PSA Supplied with Each Heater
(Same Footprint as Heater)

NOTES:

1. Heater Leads: MIL-W-16878/4, Red
2. All Lead Terminations Soldered
3. Foil Backing: 0.003" Aluminum
4. Max Operating Temperature: 150°C

Marking Information:
(Ink Jet)

P/N
Date (Week/Year)

Part Number Breakdown

DK1000-2.5
A B C

- A:**
DK = Polyimide (Kapton)
DR = Silicone Rubber
- B:**
Size = See Charts
- C:**
2.5 = 2.5 W/in²
5 = 5W/in²

TITLE: DK & DR Heaters

Tolerances:			SHEET: 2 OF 3
Part Dimensions: .xx = 0.02" .xxx = 0.010"	Lead Lengths: ± 0.50"	Power: -10%, +5%	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES
ENG. BY: MVB	DATE: 01/30/20		
ENG. APP.: MB	DATE: 01/30/20		



BIRK MFG, INC.
14 CAPITOL DRIVE
EAST LYME, CT 06333
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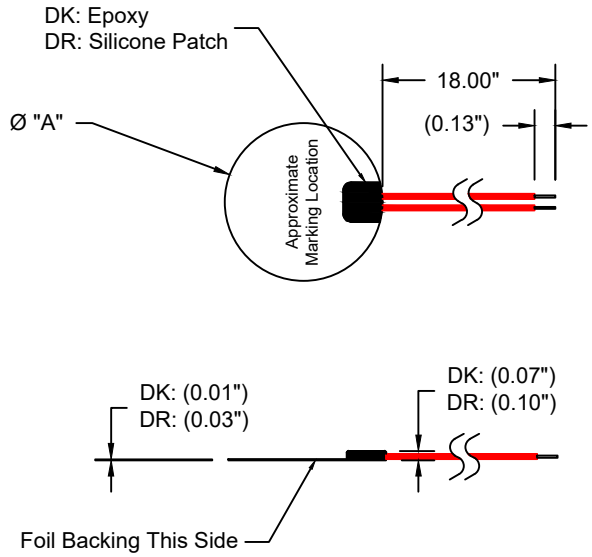
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HIPOT:	VOLTAGE: 500	TYPE: AC	TIME: 1 SEC.
INSPECTION:	VISUAL: Z1.4 AQL 1	RESISTANCE: 100%	HIPOT: 100%

P/N	Dimension A (in)	Wire Gauge	Operating Voltage	Power @ 2.5 W/in ²	Power @ 5 W/in ²
1027	0.5	30	4	0.49	0.98
1028	1.0	30	12	1.96	3.93
1029	2.5	28	12	12.27	24.54
1030	5.0	28	48	49.09	98.17

REV	DATE	DESCRIPTION
A	01/30/20	RELEASE

Separate Piece of 3M F9469PC PSA Supplied with Each Heater
(Same Footprint as Heater)



Part Number Breakdown

DK1000-2.5
A B C

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Marking Information:
(Ink Jet)

P/N
Date (Week/Year)

NOTES:

1. Heater Leads: MIL-W-16878/4, Red
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TITLE: DK & DR Heaters

Tolerances:			SHEET: 1 OF 3
Part Dimensions: .xx = 0.02" .xxx = 0.010"	Lead Lengths: ± 0.50"	Power: -10%, +5%	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES
 THIRD ANGLE PROJECTION			
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HIPOT:	VOLTAGE: 500	TYPE: AC	TIME: 1 SEC.
INSPECTION:	VISUAL: Z1.4 AQL 1	RESISTANCE: 100%	HIPOT: 100%