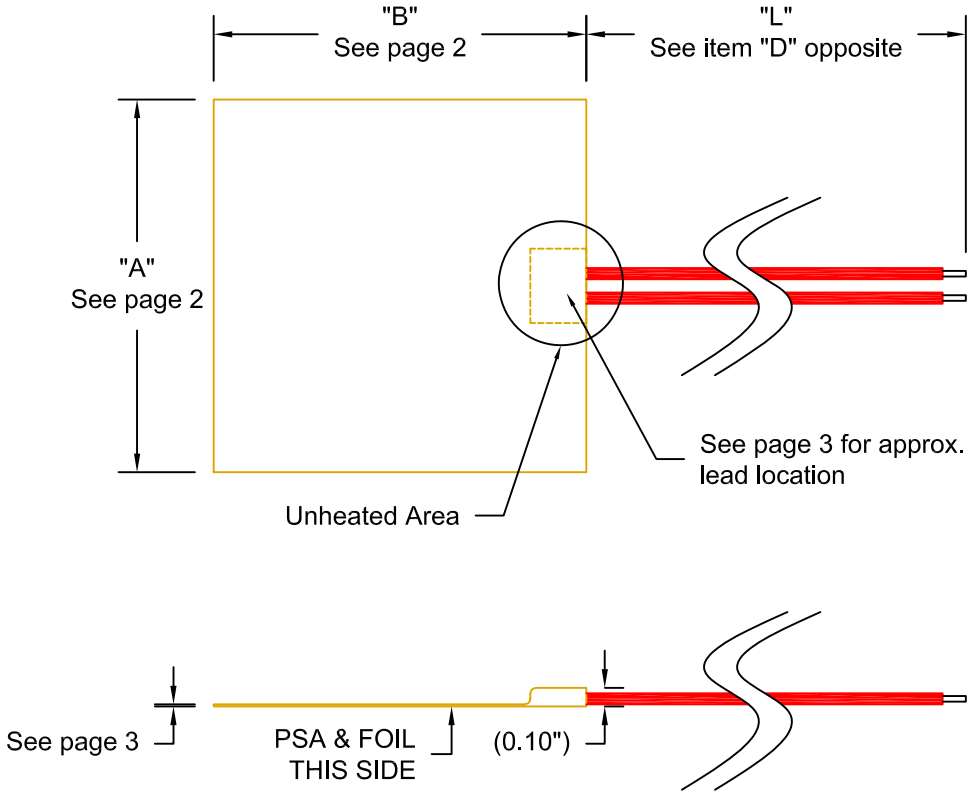


REV	DATE	DESCRIPTION
A	6/12/17	RELEASE


Part Number Format:

BK 3546 - 26.5 - L24 - 00 (example)
 [] [] [] [] []
 A B C D E

- A- Heater Type:
 BK- Kapton Heater
 BR- Silicone Heater
- B- Birk P/N:
 Please choose from standard list.
- C- Resistance:
 Please choose from standard list.
- D- Lead Length:
 L12- 12" Length
 L24- 24" Length
 Other lead lengths available upon request.
- E- Backing Options:
 BK Heaters
 00- None
 01- PSA (.005")
 02- Foil Backing (.005" Alu + .002" Bondply)
 03- Foil Backing w/ PSA (Combine above)
 BR Heaters
 20- None
 21- PSA (.005")
 22- Foil Backing (.005" Alu + .0085" Bondply)
 23- Foil Backing w/ PSA (Combine above)



HIPOT:	VOLTAGE: 500	TYPE: AC	TIME: 1-SEC.
INSPECTION:	VISUAL: Z1.4 AQL 1	RES: 100%	HIPOT: 100%
RESISTANCE:	LOW: Nom-5% Ω	NOM: Nom. Ω	HIGH: Nom.+10% Ω
CERTS:	UL: N/A	CSA: N/A	RoHS: YES

Tolerances:			SHEET: 1 OF 3
Part Dimensions: .xx = 0.02" .xxx = 0.010"	Lead Lengths: <6" = ± 0.063" 6" - 12" = ± 0.125" >12" - <36" = ± 0.250" 36" - <96" = ± 0.500" ≥96" = ± 0.750"	Resistance: -5%, +10%	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES
 THIRD ANGLE PROJECTION			
ENG. BY:	DR	DATE:	5/31/17
ENG. APP.:	MB	DATE:	6/12/17

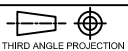


BIRK MFG, INC.
 14 CAPITOL DRIVE
 EAST LYME, CT 06333
 (860) 739-4170

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REV	DATE	DESCRIPTION
A	6/12/17	RELEASE

Heater PN Reference	Width "A"	Length "B"	Resistance Option #1	Resistance Option #2	Resistance Option #3	Resistance Option #4	Resistance Option #5	Lead Location	Heater PN Reference	Width "A"	Length "B"	Resistance Option #1	Resistance Option #2	Resistance Option #3	Resistance Option #4	Resistance Option #5	Lead Location
3542	0.25	0.25	42.0	21.0	10.0	8.4	5.2	G	3559	1.18	1.8	157.0	78.5	37.2	31.2	19.6	D
3543	0.25	0.5	63.0	31.5	14.9	12.5	7.9	G	3517	1.25	1.5	215.6	107.8	51.1	42.9	26.9	A
3544	0.25	0.75	53.0	26.5	12.6	10.5	6.6	G	3561	1.5	1.5	83.0	41.5	19.7	16.5	10.4	E
3500	0.25	0.75	28.8	14.4	6.8	N/A	3.6	G	3560	1.5	2	182.0	91.0	43.2	36.2	22.7	A
3501	0.3	1.25	51.0	25.5	12.1	N/A	6.4	G	3518	1.5	3	378.0	189.0	89.6	75.2	47.2	A
3545	0.3	1.25	87.5	43.8	20.7	17.4	10.9	G	3562	1.5	7	50.2	25.1	11.9	10.0	6.3	A
3502	0.4	2.35	119.6	59.8	28.4	23.8	14.9	G	3519	1.5	8	738.0	369.0	175.0	146.8	92.1	B
3546	0.5	0.5	53.0	26.5	12.6	10.5	6.6	G	3520	1.75	3	409.5	204.8	97.1	81.5	51.1	A
3503	0.5	1	57.5	28.8	13.6	N/A	7.2	A	3563	1.97	2.16	112.0	56.0	26.6	22.3	14.0	F
3504	0.5	2	156.8	78.4	37.2	N/A	19.6	A	3521	2	2	112.0	56.0	26.6	N/A	14.0	A
3505	0.5	2.5	143.8	71.9	34.1	28.6	17.9	A	3522	2	3	441.0	220.5	104.6	87.7	55.0	A
3550	0.5	3	65.0	32.5	15.4	12.9	8.1	A	3564	2	3	18.0	9.0	4.3	3.6	N/A	C
3506	0.5	4	230.0	115.0	54.5	45.8	28.7	A	3523	2	4	324.0	162.0	76.8	64.5	40.4	A
3547	0.5	4	394.0	197.0	93.4	78.4	49.1	A	3565	2	5	112.6	56.3	26.7	22.4	14.0	A
3549	0.5	5	125.0	62.5	29.6	24.9	15.6	A	3524	2	6	612.0	306.0	145.1	121.8	76.3	A
3548	0.5	7.5	111.0	55.5	26.3	22.1	13.8	A	3525	2.25	4.5	374.6	187.3	88.8	74.5	46.7	A
3551	0.53	1	126.4	63.2	30.0	25.1	15.8	A	3526	2.5	3	622.5	311.3	147.6	123.9	77.7	A
3552	0.53	1.2	127.0	63.5	30.1	25.3	15.8	A	3527	2.5	4	710.0	355.0	168.4	141.3	88.6	A
3553	0.55	6.6	133.0	66.5	31.5	26.5	16.6	A	3528	3	3	135.0	67.5	32.0	26.9	16.8	A
3554	0.62	1.43	57.5	28.8	13.6	11.4	7.2	D	3566	3	4	82.0	41.0	19.4	16.3	10.2	A
3555	0.75	0.75	19.8	9.9	4.7	3.9	2.5	A	3529	3	5	1065.0	532.5	252.5	211.9	132.9	A
3556	0.75	1	57.5	28.8	13.6	11.4	7.2	A	3530	3	6	1278.0	639.0	303.0	254.3	159.4	A
3558	0.75	1.85	122.0	61.0	28.9	24.3	15.2	A	3531	3	10	N/A	720.0	341.4	286.5	179.6	A
3507	0.75	2	172.5	86.3	40.9	N/A	21.5	A	3532	3	12	N/A	864.0	409.7	343.8	215.6	A
3508	0.75	4	255.0	127.5	60.5	50.7	31.8	A	3533	4	4	N/A	384.0	182.1	152.8	95.8	A
3557	0.75	8	91.0	45.5	21.6	18.1	11.4	A	3567	4	6	N/A	45.0	21.3	17.9	11.2	A
3509	0.75	10	337.5	168.8	80.0	67.2	42.1	A	3534	4	8	N/A	768.0	364.2	305.6	191.6	A
3510	0.8	1.75	119.0	59.5	28.2	N/A	14.8	A	3535	4	12	N/A	1152.0	546.3	458.4	287.4	A
3511	1	1	156.8	78.4	37.2	N/A	19.6	A	3536	5	5	N/A	218.8	103.7	87.0	54.6	A
3568	1	1	132.0	66.0	31.3	26.3	16.5	A	3537	5	8	N/A	100.0	47.4	39.8	24.9	A
3512	1	2	156.8	78.4	37.2	N/A	19.6	A	3538	5	10	N/A	1025.0	486.1	N/A	255.7	A
3513	1	3	210.0	105.0	49.8	41.8	26.2	A	3539	6	6	N/A	738.0	350.0	N/A	184.1	A
3514	1	4	460.0	230.0	109.1	91.5	57.4	A	3540	9	12	N/A	2214.0	1049.9	N/A	552.4	A
3515	1	10	440.0	220.0	104.3	87.5	54.9	A	3541	10	15	N/A	3075.0	1458.2	N/A	767.2	A
3516	1.1	2.5	316.3	158.1	75.0	62.9	39.4	A									

Tolerances:			SHEET: 2 OF 3
Part Dimensions: ..xx = 0.02" ...xxx = 0.010"	Lead Lengths: <6" = ±0.063" 6" - 12" = ±0.125" >12" - <36" = ±0.250" 36" - <96" = ±0.500" ≥96" = ±0.750"	Resistance: -5%, +10%	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES
ENG. BY: DR	DATE: 5/31/17	 THIRD ANGLE PROJECTION	
ENG. APP.: MB	DATE: 6/12/17		

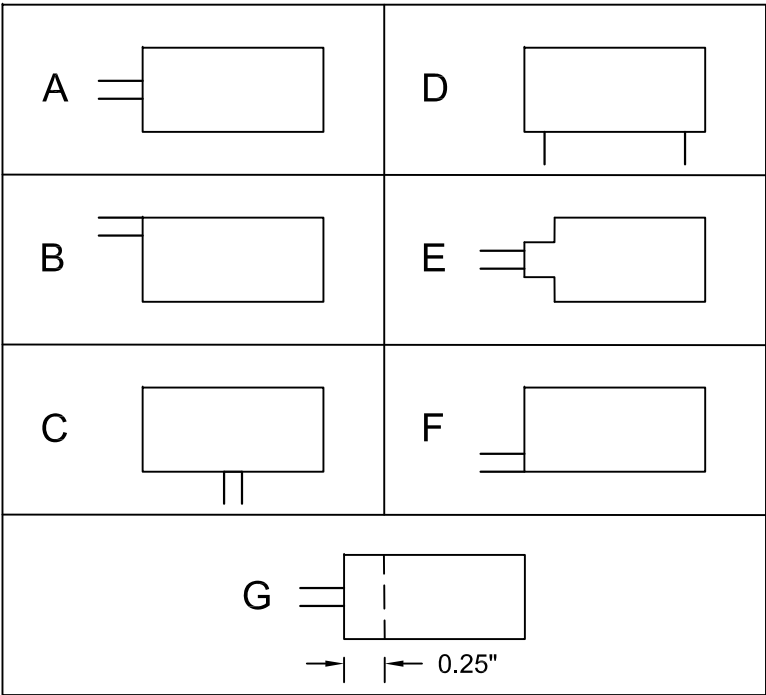


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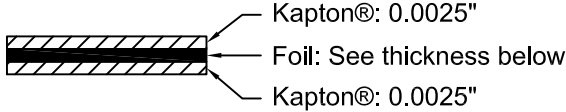
REV	DATE	DESCRIPTION
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Lead Locations*

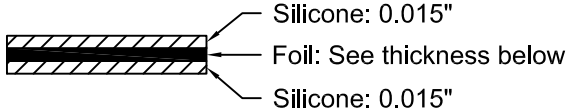


*Contact Birk Mfg. for exact lead location/dimension


Kapton® Heater



Silicone Heater



Resistance Option	Foil Thickness
1	0.0005"
2	0.001"
3	0.0015"
4	0.00125"
5	0.002"

Tolerances:		SHEET: 3 OF 3	
Part Dimensions: .xx = 0.02" .xxx = 0.010"	Lead Lengths: <6" = ± 0.063" 6" - 12" = ± 0.125" >12" - <36" = ± 0.250" 36" - <96" = ± 0.500" ≥96" = ± 0.750"	Resistance: -5%, +10%	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ARE IN INCHES
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