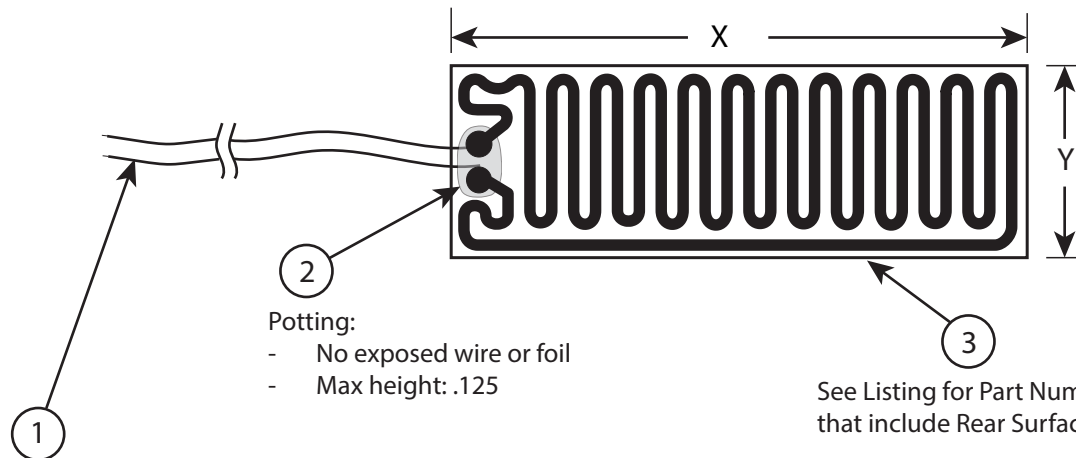


MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1		PTFE, White, Stranded, Insul Rated 600V	2
2		Epoxy Electrical Grade Potting, Black	1
3		Acrylic PSA .002" Thick 3M 467	1
4			
5			

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	Initial Print Gen	8-01-23	J5

NOTES:

1. Resistance: Defined by specific Part Number +/- 10%
2. Wattage:
 - I. Variable to Voltage Applied. Heater may operate on different/variable voltage as the end-customer determines.
 - II. For comparison and model selection purposes, heaters may be identified/rated at a wattage level that exceeds its own capabilities. Users are responsible to apply the appropriate voltage suitable for the application.
3. Designed to Dielectric Strength: 1000 V
4. Foil thickness, type, and corresponding pattern may be altered TurboFlex without notice (maintaining resistance requirement).
5. No Marking.
6. Material: High Temp Polyester (PET), White, FR Rated. TurboFlex Material PN 572013
7. Thickness: .014" max. Excluding release paper of PSA if applicable.
8. UL Recognition: E-10549. Contact TurboFlex for details.
 - I. UL label attachment not included. Contact TurboFlex if required.
9. Bond Ply Layers: FR Halogen-Free Modified Polyester Thermal Cured Adhesive.
 - I. Dielectric Layers: PET Polyethylene Terephthalate Insulation Film (in varying thickness from 25 micron to 75 micron).
10. Foil Type Options: CUN and Cu in varying thickness, metallurgy, and resistivity. Determined by TurboFlex.
11. Thermal Rating of Lamination Stack (converted into patterned heaters): Rated at 125C°. Actual performance determined by application.
12. End user is responsible to design the overall package to extract the heat from the heater in order for the product to continually perform.



Shape/Geometry Varies by Part Number
Above heater shown for illustration purposes

Wire length from edge of heater body: 11.75 Ref
Trimmed and exposed lead ends: .25 Ref
Wire location: Center of short side
Wire lauge: Per listing

See Listing for Part Numbers
that include Rear Surface PSA

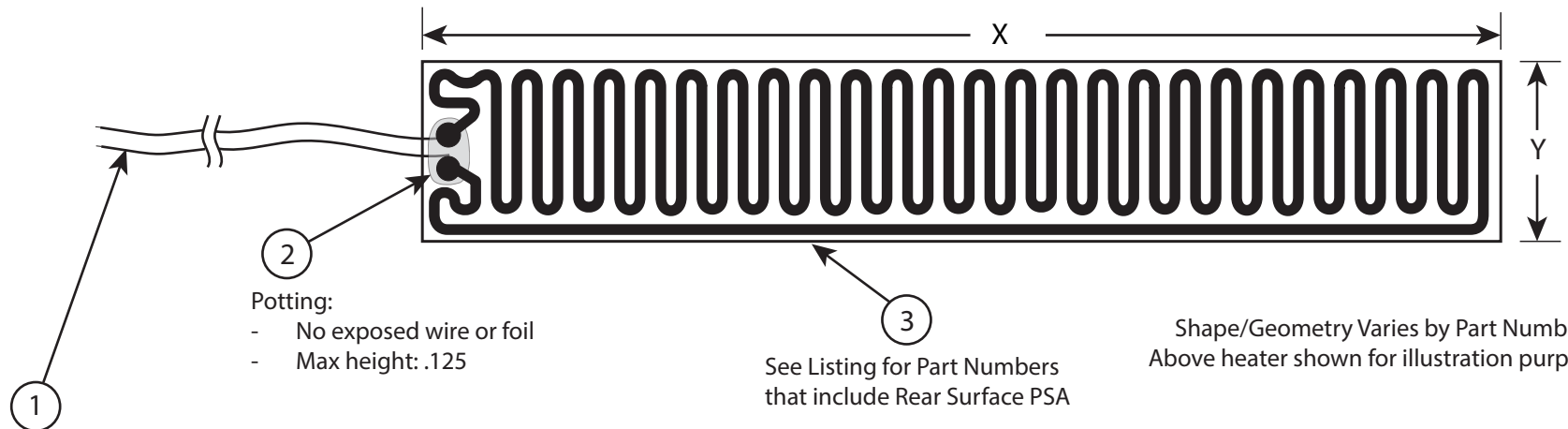
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED		TURBOFLEX HEATERS		A BUSINESS UNIT OF DG INNOVATIONS, LLC 1333 VALLEY DRIVE, ROCK VALLEY, IA 51247	
GENERAL TOLERANCES: .X +/- .050" .XX +/- .025" .XXX +/- .010"		TITLE: Standard Heater General Spec - PET			
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MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1		PTFE, White, Stranded, Insul Rated 600V	2
2		Epoxy Electrical Grade Potting, Black	1
3		Acrylic PSA .002" Thick 3M 467	1
4			
5			

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	Initial Print Gen	8-01-23	J5

NOTES:

1. Resistance: Defined by specific Part Number +/- 10%
2. Wattage:
 - I. Variable to Voltage Applied. Heater may operate on different/variable voltage as the end-customer determines.
 - II. For comparison and model selection purposes, heaters may be identified/rated at a wattage level that exceeds its own capabilities. Users are responsible to apply the appropriate voltage suitable for the application.
3. Designed to Dielectric Strength: 1000 V
4. Foil thickness, type, and corresponding pattern may be altered TurboFlex without notice (maintaining resistance requirement).
5. No Marking.
6. Material: Polyimide (PI) Construction. TurboFlex Material PN 5725014
7. Thickness: .011" max. Excluding release paper of PSA if applicable.
8. Bond Ply Layers: Thermoset Acrylic Epoxy
9. Dielectric Layer Certification: IPC-4203/1
10. PI Polyimide Film (in varying thickness from 25 micron to 75 micron)
11. Foil Type Options: CUN and Cu in varying thickness, metallurgy, and resistivity. Determined by TurboFlex.
12. Thermal Rating of Lamination Stack (converted into patterned heaters): Rated at 150C°. Actual performance determined by application.
12. End user is responsible to design the overall package to extract the heat from the heater in order for the product to continually perform



Potting:
 - No exposed wire or foil
 - Max height: .125

See Listing for Part Numbers that include Rear Surface PSA

Shape/Geometry Varies by Part Number Above heater shown for illustration purposes

Wire length from edge of heater body: 11.75 Ref
 Trimmed and exposed lead ends: .25 Ref
 Wire location: Center of short side
 Wire gauge: Per listing

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED		TURBOFLEX HEATERS		A BUSINESS UNIT OF DG INNOVATIONS, LLC 1333 VALLEY DRIVE, ROCK VALLEY, IA 51247	
GENERAL TOLERANCES: .X +/- .050" .XX +/- .025" .XXX +/- .010"		TITLE: Standard Heater General Spec - Polyimide			
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