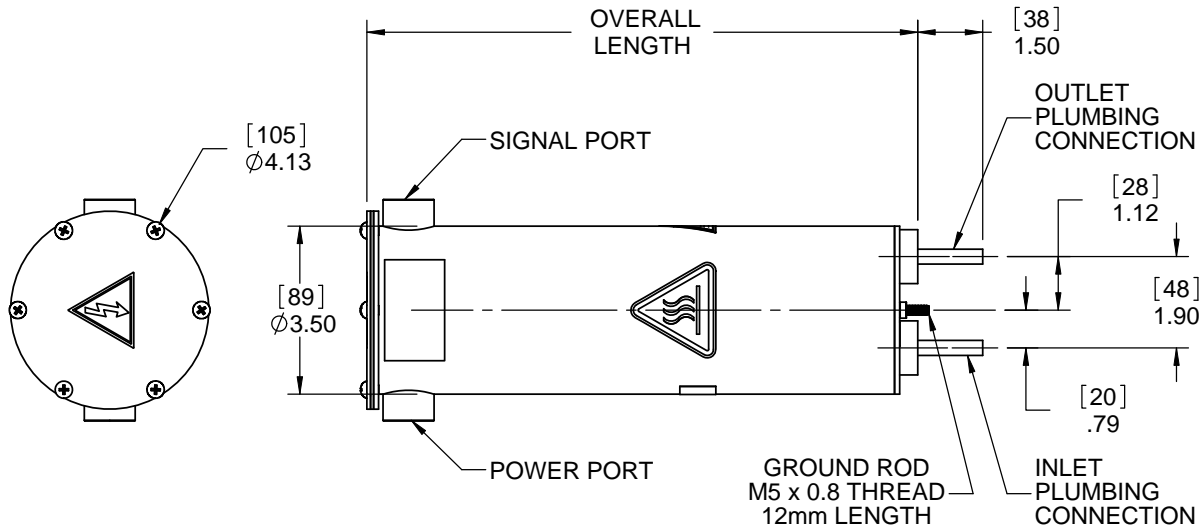


REV	BY	DATE	DESCRIPTION
0	DLS	04/29/14	INITIAL RELEASE



Cartridge Heater PTC or Resistive	Overall Length		Plumbing Connections	
	in.	mm	Inlet	Outlet
400	5.97	152	5/16" Non Thread Tube Connection	5/16" Non Thread Tube Connection
800	8.72	221		
1200	11.47	291		
1400	12.97	329		
1600	14.47	368		
2000	17.47	444		

**NOTES:**

1. HEATER CONFORMS TO UL499 STANDARDS.
2. HEATER CONFORMING TO UL823 STANDARDS IS OPTIONAL (INCLUDES ADDITIONAL COMPONENTS NOT SHOWN).
3. SEE HEATER SPECIFIC FACILITIES PRINT FOR RATINGS, ADDITIONAL DIMENSIONS AND DETAILS.
4. POLYPRO, PVDF OR 304SS ADJUSTABLE MOUNTING BRACKETS ARE AVAILABLE.
5. WETTED MATERIALS: 316/316L ELECTROPOLISHED STAINLESS STEEL.
6. (2) ELEMENT OVER-TEMP SENSORS PROVIDED.
7. (1) RESETTABLE THERMAL PROTECTOR PROVIDED.
8. PTC CARTRIDGE HEATER IS STANDARD.
9. CONTACT FACTORY FOR ADDITIONAL OPTIONS / FEATURES.

SH B - 1.2 - 1 1 O O H - R

Series	Wetted Material	Wattage	Voltage	Phase	Inlet Plumbing Connections	Outlet Plumbing Connections	Element Sensor Type	Options
SH = Solvent	B = EP TUBING	.4 = 400W .8 = 800W 1.2 = 1200W 1.4 = 1400W 1.6 = 1600W 2 = 2000W	1 = 208V 2 = 240V 3 = 380V 4 = 400V 5 = 415V 6 = 480V 7 = 440V 8 = 575V 9 = 220V 10 = 200V 12 = 120V 14 = 600V 15 = 230V	1 = Single Phase	O = 5/16" Non Threaded Tube Connection	O = 5/16" Non Threaded Tube Connection	K = K-type TC E = E-type TC J = J-type TC H = 100-Ohm RTD (3-wire) R = 1000-Ohm RTD (2-wire)	Blank = No Options R = Resistive Style Heating Element EX = UL 823 Option ## - TBD as needed

**PROCESS TECHNOLOGY®**

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ITEM: N/A

MATERIAL:

UNLESS NOTED TOLERANCES ARE:

0.00 = .13  
0.000 = .060  
ANGLES = 1°



SECONDARY UNIT FOR REFERENCE ONLY

DRAWN BY: DLS

DATE: 04/29/14

DESCRIPTION:

SALES: SHB- - - OO- - - -

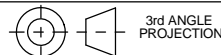
CONTROLLED DOCUMENT LOCATIONS:

APPROVAL INFORMATION:

BY: HJB  
DATE: 04/29/14

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INTERPRET GEOMETRIC DIMENSIONING AND TOLERANCING PER ASME Y14.5M



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