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B

B

TC SENSOR JUNCTION - LASER WELDED HEATER SHEATH AT JUNCTION (TIP) ONLY

1.50 +1.00 0.00

6.00 - 1.00 COLD LENGTH 0.00

1.10

0.20

THERMAL CUTOFF 105 °C  
BCE SILVER1 EPOXY

TC AND HEATER LASER WELDED TO FITTING

GROUNDING TYPE K TC  
24" TEFLON LEAD WIRES

3-5 ROTATIONS AT 2.5 Ø OD  
0.125 Ø HEATER

2-5 ROTATIONS AT 1.5 Ø OD  
0.125 Ø TYPE K TC

VITON O RING

304 SS 1" MNPT

304 SS 1" NPSL HEX NUT

2 X TEFLON INSULATED STRANDED LEAD WIRES

A

A

**NOTE:**  
HEATER SPECIFICATIONS: 275 WATT, 120 VOLT  
INCONEL OR 304 STAINLESS STEEL

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL ±  
ANGULAR: MACH ±.0 BEND ± 2.0  
TWO PLACE DECIMAL ± 0.01  
THREE PLACE DECIMAL ± 0.005



TITLE:  
**COILED IMMERSION HEATER**

**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
BELLOVE COMPANY ENGINEERS. ANY  
REPRODUCTION IN PART OR AS A WHOLE  
WITHOUT THE WRITTEN PERMISSION OF  
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PROHIBITED.

INTERPRET GEOMETRIC  
TOLERANCING PER:  
MATERIAL SEE BOM  
FINISH N/A  
DO NOT SCALE DRAWING

SIZE	DWG. NO.	REV
<b>B</b>	<b>BCE10563</b>	<b>0</b>
SCALE: NTS		SHEET 1 OF 1

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