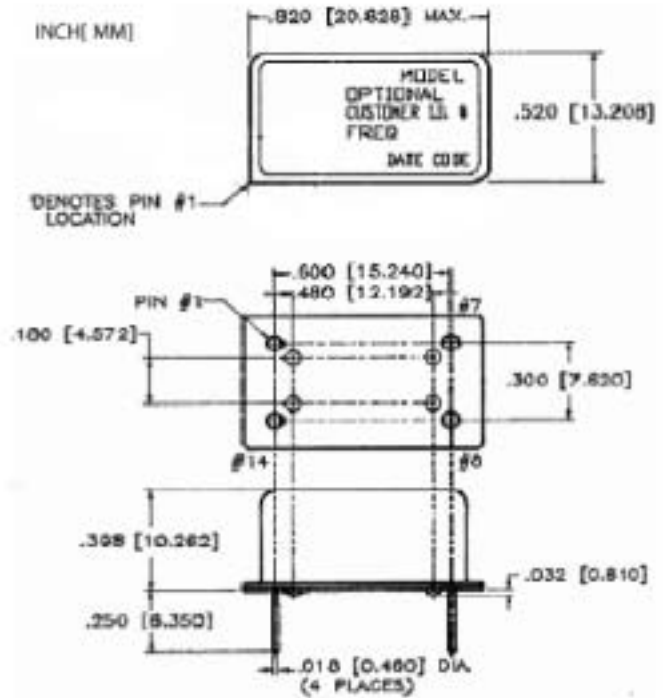


Mechanical Dimensions

PIN	Function
1	NC
7	Gnd/ & Case Gnd
8	Output
14	+V _{CC}



Part Numbering Guide

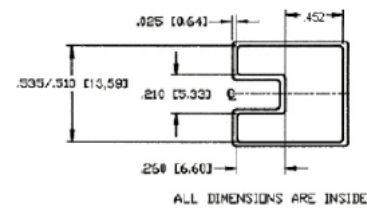
BT1603T - Specify Frequency

"BLANK" = 0°C to 55°C Operating Temp.
"M" = -40°C to +85°C Operating Temp.

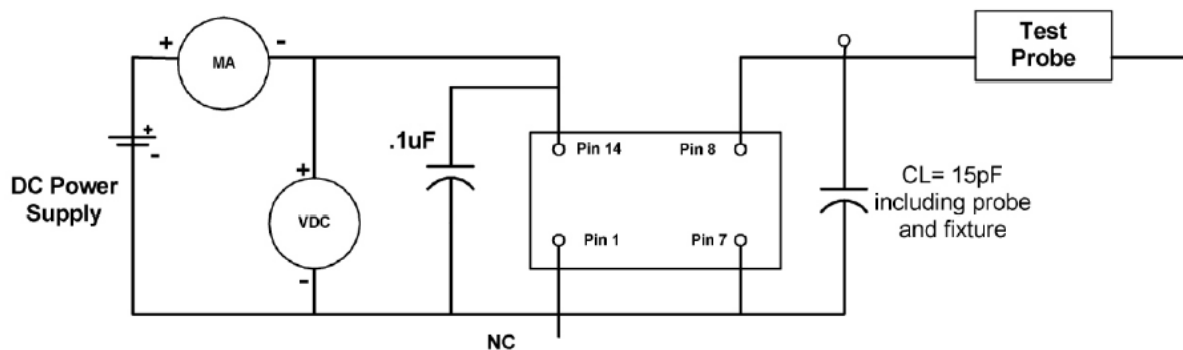
BT1603T-3 = 3.3v option

BT163xT = Blank = 5v standard

Shipping Tube Dimensional Information



Test Circuit Description



Mechanical and Environmental Specifications

Test	Reference Documents	Test Description
Temperature Cycle	MIL-STD-883, Mtd 1010, Cond. B	-55°C to + 25°C; Air to Air; 100 cycles; 10 min. dwell
Mechanical Shock	MIL-STD-883, Mtd 2002, Cond. B	1500g's
Vibration	MIL-STD-883, Mtd 2007, Cond. B	20-2000 Hz; 0.06 inch; 15 g's; 3 planes
Humidity Steady State	MIL-STD-202, Mtd 103	40°C; 90%-95% R.H.; 56 days
Thermal Shock	MIL-STD-883, Mtd 1011.7, Cond. B	100°C to 0°C; Water-to-Water; 15 cycles
Electrostatic Discharge	MIL-STD-883, Mtd 3015, Class II	2 KV to 4 KV Threshold
Solderability	MIL-STD-883, Mtd 1005.6	Solder dip; Meniscograph Criteria
Hermeticity	MIL-STD-883, Mtd 2022.2	Mass spectro. 2 X 10 ⁻⁸ atmos. CC/sec He
Resistance to Soldering	MIL-STD-883, Mtd 1014.8, Cond. A1	260°C; 10 seconds; 1 inch/sec.
Lead Integrity	MIL-STD-202, Mtd 210A, Cond. C	Lead tension and bend stress
Marking Permanence	MIL-STD-883, Mtd 2004.5, Cond. A, B1	Resistance to solvents
Life Test	MIL-STD-883, Mtd 2015.8, Cond. B	125°C, powered, 1000 hours minimum

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