

Excellent Integrated System Limited

Stocking Distributor

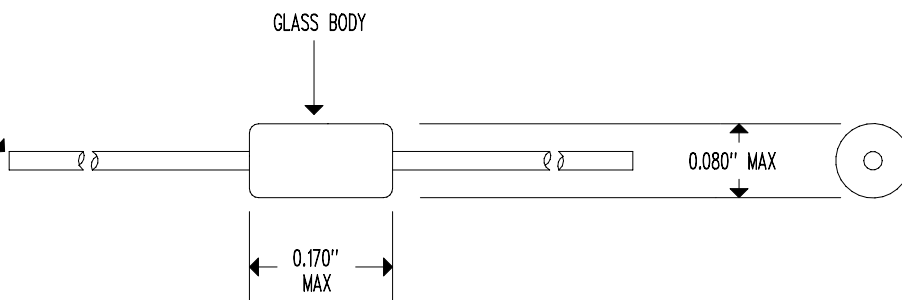
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[US Sensor](#)
[102PS1G](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

0.020" ± 0.0025" DIAMETER,
24 AWG, 1.0" LONG MINIMUM,
TINNED LEAD WIRES



TEMP (°C)	RESISTANCE (Ω) NOMINAL
-40	564
-30	620
-20	682
-10	745
0	813
10	885
20	961
25	1,000
30	1,039
40	1,122
50	1,210
60	1,303
70	1,397
80	1,494
90	1,599
100	1,704
110	1,810
120	1,911
130	1,989

RESISTANCE @ +25°C = 1,000 Ω ± 2%
 RESISTANCE/TEMPERATURE CURVE = SEE TABLE
 DISSIPATION CONSTANT = 2 mW/°C MINIMUM
 THERMAL TIME CONSTANT (STILL AIR) = 8 SECONDS MAXIMUM
 THERMAL TIME CONSTANT (STIRRED OIL) = 1 SECONDS MAXIMUM
 TEMPERATURE RATING = -50 TO +150°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

NONE	RELEASE TO PRODUCTION	05/22/07	DD
REV	REVISION RECORD	DATE	APP

SCALE NONE	© COPYRIGHT U.S. SENSOR CORP. 714-639-1000 www.ussensor.com SILICON PTC THERMISTOR P/N 102PS1G
DRAWN BY DAN DANKERT	
DATE 05/22/07	
REV. NONE	
LAYER 0 OF 2	