Amphenol Advanced Sensors

THERMISTOR SPECIFICATION	Originated by: N Schaffner	PAGE 1 of 1
NTC THERMISTOR SPECIFICATION	THM Ref. No. 41717300	DATE:
RL1009-5820-97-S53		09/29/2017
CUSTOMER:	CUSTOMER SPECIFICATION No.	
DESCRIPTION:	Radial Leaded Epoxy Coated NTC	C Thermistor
ELECTRICAL SPECIFICATION		
Resistance specification:	$336,600 \ \Omega \pm 13.4\% \ AT -40^{\circ}C$	
	10,000 $\Omega\pm 8.8\%$ AT 25°C	
	$1750 \Omega \pm 6.86\% \text{ AT } 70^{\circ}\text{C}$	
	390.0 Ω ± 5.13% AT 120°C 342.0 Ω ± 4.97% AT 125°C	
	$342.0 \Omega \pm 4.97\%$ AT 125 C 185.0 $\Omega \pm 4.32\%$ AT 150°C	
	$105.0.22 \pm 4.52\%$ M1 150 C	
Material System	D9.7A	
β value 25/85: Dissipation constant:	3972 3.0 mW/°C	
Thermal Time Constant:	10 sec. still air	
Temperature Range:	-50°C to 150°C	
OUTLINE DRAWING Dimensions are in Inches (Not to scale)		
.240 MAX		
(DVER LEADS)	O.160 MAX	-0.240 MAX.
	0.100 MHA.	OLETO PIEX.
		•
ΙΥ		
1	L 0.280 MAX	
$\sim$		
Ļ	₩ <u>•</u> ₩₩	1.45±0.040
<del> -</del> -	- 0.157 ±0.020	1.45±0.040
	U UU_	<b>i</b>
_		

967 WINDFALL RD, ST MARYS, PA 15857 Ph (814) 834-9140 Fx (814) 781-7969