

4

3

2

DWG NO.
A-1327

SH
1

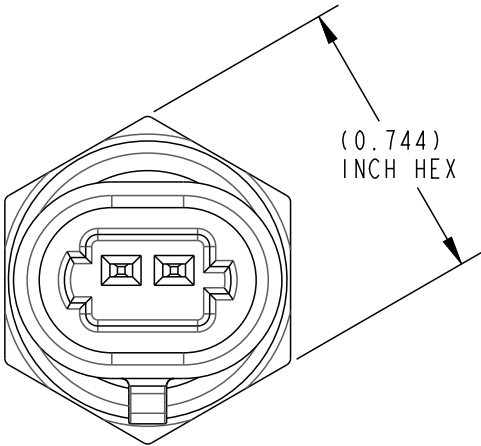
REV
B

1

PROPRIETARY NOTICE: THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO AMPHENOL AND SHALL NOT BE DISCLOSED IN WHOLE OR IN PART IN ANY FORM OR FOR ANY REASON EXCEPT AS EXPRESSLY STATED IN WRITING BY AMPHENOL.

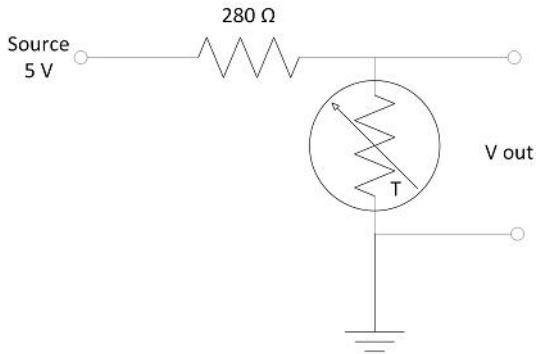
NOTES:

1. CONTINUOUS OPERATING TEMPERATURE: -40° TO 150°C
2. CONNECTOR: METRI-PACK 150.2
MATING DELPHI PART NUMBER: 12162197 OR EQUIVILANT
3. LOCTITE 503, 516, OR 517 THREAD SEALANT APPLIED ON APPROXIMATELY 2ND THROUGH 6TH THREAD.
MINIMUM 3 THREADS.
4. DATE CODE: FIRST 3 DIGITS DENONTE DAY OF THE YEAR
AND FOURTH IS THE LAST DIGIT OF THE YEAR.
5. RESPONSE TIME (63.2%) TO BE < 15 SECONDS IN MOVING AIR.
6. <REMOVED>

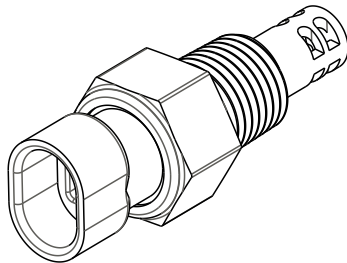
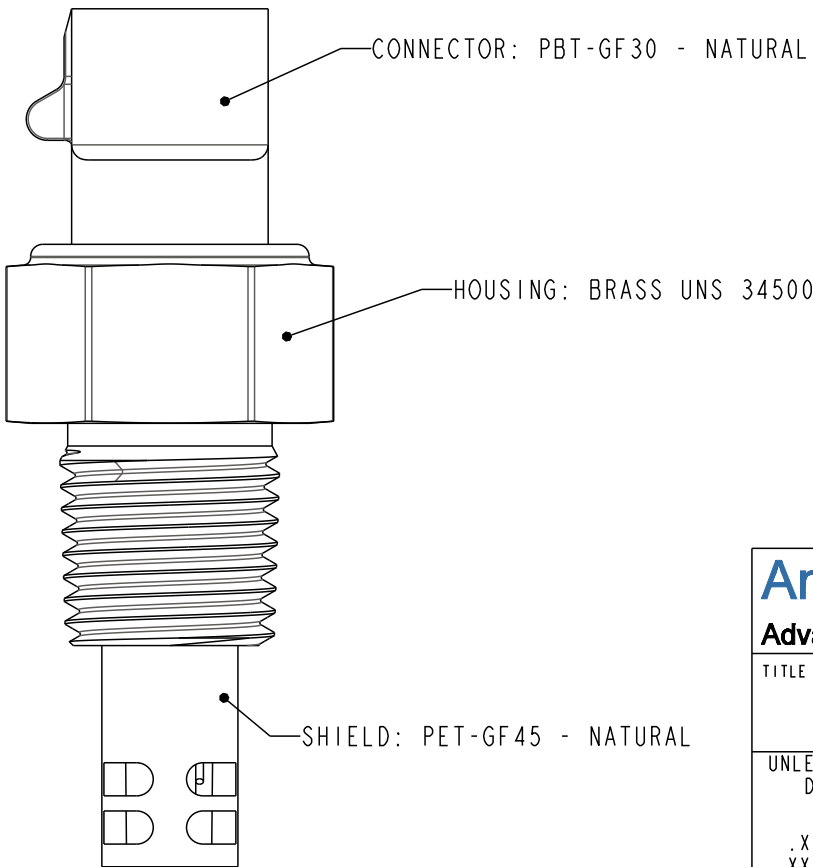
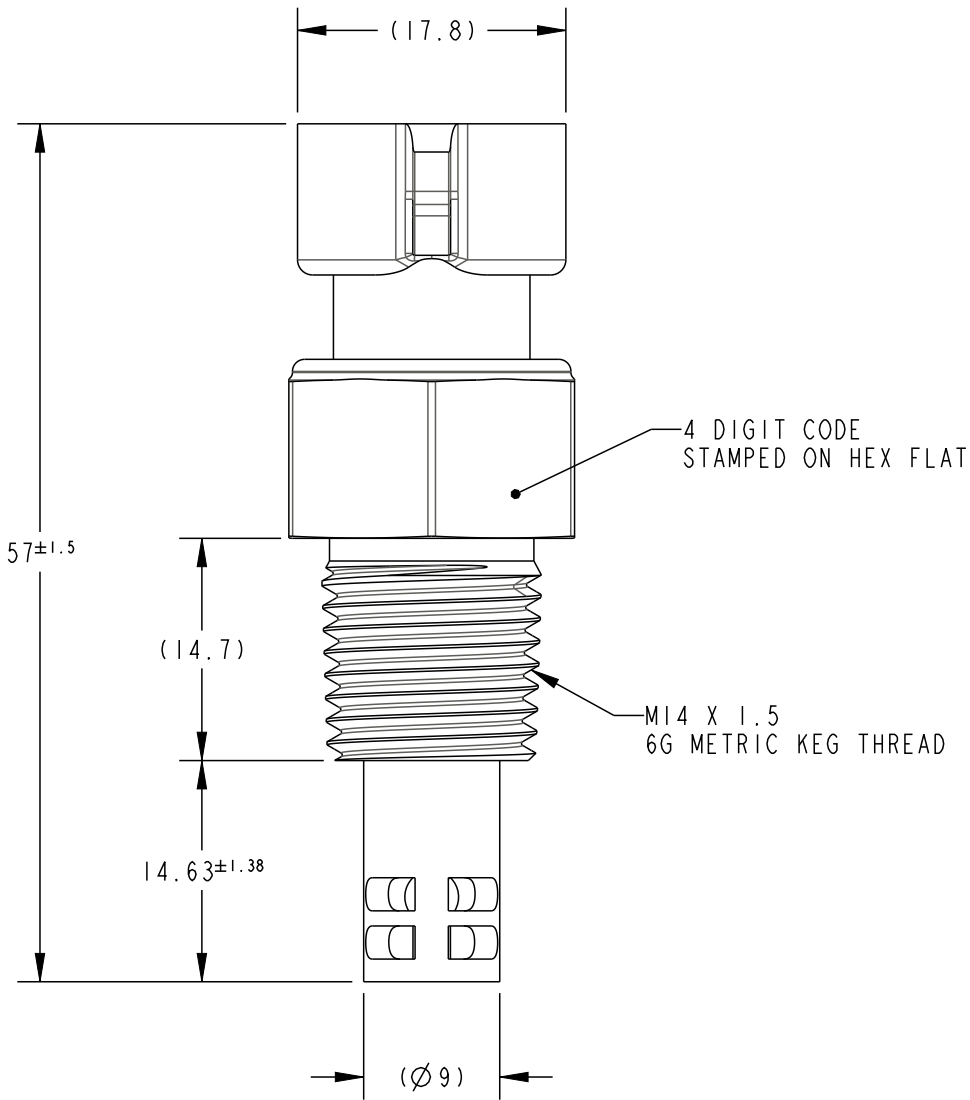


TEMP (°C)	RESISTANCE (OHMS)	RES TOL (±%)	TEMP TOL (±°C)
-40	100725	8.56	1.27
-25	38440	7.54	1.23
0	9327	6.05	1.16
15	4403	5.28	1.10
25	2768	4.80	1.06
85	279.6	2.47	0.76
100	175.3	2.00	0.67
125	86.69	2.71	1.02
150	46.41	3.34	1.42

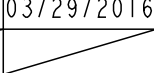
REVISIONS				
REV	REVISION HISTORY	DATE	DWN	APVD
A	INITIAL DRAFT	3/29/16	STS	DJG
B	CORRECTED RVT, REMOVED NOTE 6	2/7/20	STS	DJG



TYPICAL APPLICATION CIRCUIT



SCALE 1:1

Amphenol				Advanced Sensors		St. Marys, PA 15857	
TITLE							
AIR TEMPERATURE SENSOR FAST RESPONSE							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE: .X ± 0.3 ANGLES .XX ± 0.13 ± 2°				APPROVALS		DATE	
				DRAWN STS		03/29/2016	
				CHECKED DJG		11/20/2015	
DO NOT SCALE DRAWING				ENGR STS		03/29/2016	
THIRD ANGLE PROJECTION				QC			
INTERPRET DRAWING IAW ASME Y14.5				MFG			
MATERIAL SEE DRAWING							
SIZE B				DWG NO.		REV B	
A-1327							
SCALE 2:1						SHEET 1 OF 1	

LEGAL NOTICE - THIS DRAWING AND ANY INTELLECTUAL PROPERTY RIGHTS THERE IN ARE PROPERTY OF AMPHENOL AND NO LICENSES ARE GRANTED UNDER THOSE RIGHTS.

4

3

2

1