



IRR PVC Insulated Wire
AWG #24(7/32), Tinned Copper
105°C, 300V, Black
RoHS Compliant
SS&C Part: #2144

Hex Plug Housing
Stainless Steel
.187"OD x 1.5"Tube x .016"WALL
1/4"-18 Threads
RoHS Compliant
SS&C Part: #3172

NTC Epoxy Coated
Curve "Z" Sensor
10,000 ohms ± 0.88% at 25°C
SS&C Part: #1840

| ATP CURVE Z | |
|--------------------|----------|
| TEMP COEF @ 25°C: | -4.4%/°C |
| RES./RATIO: 0/50°C | 9.06 |
| BETA: 25/85°C | 3976 ±50 |
| TEMPERATURE °C | R1/R25 |
| -50 | 667500 |
| -40 | 335600 |
| -30 | 176700 |
| -20 | 96970 |
| -10 | 55300 |
| 0 | 32650 |
| 10 | 19900 |
| 20 | 12490 |
| 25 | 10000 |
| 30 | 8056 |
| 40 | 5325 |
| 50 | 3601 |
| 60 | 2487 |
| 70 | 1752 |
| 80 | 1256 |
| 85 | 1071 |
| 90 | 916 |
| 100 | 679 |
| 110 | 510 |
| 120 | 389 |
| 125 | 341 |



TITLE

SX Style Temperature Sensor

| REVISION HISTORY | | | | DRAWN | BDG | 6/30/2009 | SCALE | SIZE | DWG NO | REV |
|------------------|-----------------|-----------|--------|----------|-----|-----------|-------|------|-------------|-----|
| REV | DESCRIPTION | DATE | APPROV | APPROVED | | | | A | A1004SX22P0 | A |
| A | Initial Drawing | 6/30/2009 | BDG | | | | | | | |