

**DLA Land and Maritime - VQ**  
**Supplemental Information Sheet for Electronic QPL-23648**

Date: 4/15/2013

**Specification Details:**

Specification: MIL-PRF-23648  
 Title: Resistor, Thermal (Thermistor), Insulated  
 Federal Supply Class (FSC): 5905  
 Conventional: Yes  
 Specification contains quality assurance program: No  
 MIL-STD-790 Established Reliability & High Reliability: No  
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: No  
 Weibull Graded: No  
 Specification contains space level reliability requirements: No  
 Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP  
 Primary Qualifying Activity Contact: 614-692-0597, e-mail: vqp.jz@dla.mil  
 Secondary Qualifying Activity Contact: 614-692-0609, e-mail: vqp.do@dla.mil

**Notes:**

N/A

**Part Configuration:**

RTH06AS102G

| Style | Resistance Ratio Characteristic | Lead Type | Zero-power Resistance | Zero-power Resistance Tolerance |
|-------|---------------------------------|-----------|-----------------------|---------------------------------|
| RTH06 | A                               | S         | 102                   | G                               |

| PART LISTINGS                                                                          |                                           |                                 |                     |                                        |
|----------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------|----------------------------------------|
| GOVERNMENT DESIGNATION                                                                 | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFICATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
| <b>RTH06</b>                                                                           |                                           |                                 |                     |                                        |
| Res. ratio A, B, C; term. S; res. values 68 ohms thru 75 kilohms; res. tol. F, G, J, K | RTH06                                     | 23648-646-91                    | /1                  | Quality Thermistor, Inc.               |
| <b>RTH22</b>                                                                           |                                           |                                 |                     |                                        |
| Res. ratio E; term. S; res. values 10 ohms thru 10 kilohms; res. tol. J, K             | QTM12                                     | 23648-36-78                     | /9                  | Quality Thermistor, Inc.               |
| Res. ratio E; term. S; res. values 10 ohms thru 10 kilohms; res. tol. J, K             | DS125                                     | 23648-844-75                    | /9                  | RTI Electronics, Inc.                  |
| <b>RTH42</b>                                                                           |                                           |                                 |                     |                                        |
| Res. ratio E; term. S; res. values 10 ohms thru 10 kilohms; res. tol. J, K             | QTG12                                     | 23648-37-78                     | /19                 | Quality Thermistor, Inc.               |
| Res. ratio E; term. S; res. values 10 ohms thru 10 kilohms; res. tol. J, K             | DG125                                     | 23648-846-75                    | /19                 | RTI Electronics, Inc.                  |
| <b>RTH44</b>                                                                           |                                           |                                 |                     |                                        |
| Res. ratio A; term. S; res. values 300 ohms thru 3 kilohms; res. tol. F, G, J, K       | RTH44                                     | 23648-321-88                    | /20                 | Quality Thermistor, Inc.               |
| Res. ratio B; term. S; res. values 1 kilohms thru 10 kilohms; res. tol. F, G, J, K     | RTH44                                     | 23648-321-88                    | /20                 | Quality Thermistor, Inc.               |
| Res. ratio C; term. S; res. values 30 kilohms thru 500 kilohms; res. tol. F, G, J, K   | RTH44                                     | 23648-321-88                    | /20                 | Quality Thermistor, Inc.               |

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Quality Thermistor, Inc. (CAGE Code: 56866)**

Location: 2108 Century Way, Boise, ID 83709, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: RTI Electronics, Inc. (CAGE Code: 15454)**

Location: 1800 E. Via Burton, Anaheim, CA 92806-2591, US

Plants:

1. Plant: Same Address as Manufacturer