Specification Details: **Date: 3/27/2025**

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: 614-907-2854, e-mail: vqp.ss@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	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
RTH06				
Res. ratio A, B, C; term. S; res. values 68 ohms thru 75 kilohms; res. tol. F, G, J, K	RTH06	23648-646-91; 23648-6853-24	/1	Quality Thermistor, Inc.
RTH22				
Res. ratio E; term. S; res. values 10 ohms thru 10 kilohms; res. tol. J, K	QTM12	23648-36-78	/9	Quality Thermistor, Inc.
RTH42				
Res. ratio E; term. S; res. values 10 ohms thru 10 kilohms; res. tol. J, K	QTG12	23648-37-78; 23648-6854-24	/19	Quality Thermistor, Inc.
RTH44				
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.

Manufacturer and Supplier Location Information

Manufacturer: Quality Thermistor, Inc. (CAGE Code: 56866)
Location: 2108 Century Way, Boise, ID 83709, US

Plants:

1. Plant: Same Address as Manufacturer