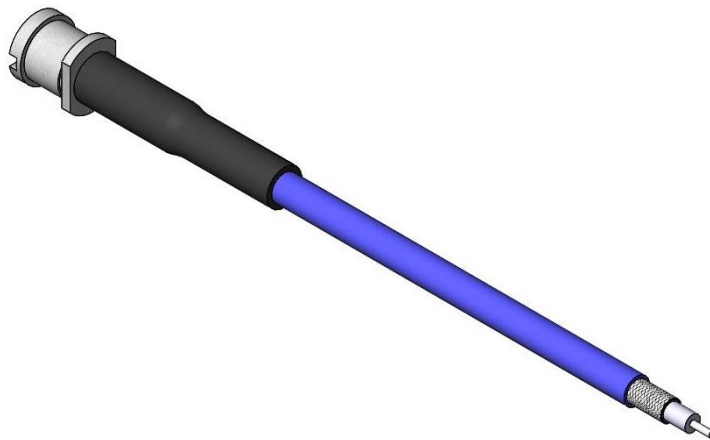




Project Number: Design Qualification Test Report	Tracking Code: CR-948920_Report_Rev_1
Requested by: Jenny Chou	Date: 8/21/2023
Part #: RF086-00BF-505050-0152	Tech: Peter Chen
Part description: RF086-00BF	Qty to test: 20
Test Start: 7/6/2023	Test Completed: 7/6/2023



DESIGN QUALIFICATION TEST REPORT

RF086-00BF-505050-0152

Tracking Code: CR-948920_Report_Rev_1	Part #: RF086-00BF-505050-0152
Part description: RF086-00BF	

REVISION HISTORY

DATA	REV.NUM.	DESCRIPTION	ENG
8/21/2023	1	Initial Issue	PC

CERTIFICATION

All instruments and measuring equipment were calibrated to National Institute for Standards and Technology (NIST) traceable standards according to ISO 10012-1 and ANSI/NCSL 2540-1, as applicable.

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SCOPE

To perform the following tests: Design Qualification test. Please see test plan.

APPLICABLE DOCUMENTS

Standards: MIL-PRF-39012.

TEST SAMPLES AND PREPARATION

- 1) All materials were manufactured in accordance with the applicable product specification.
- 2) All test samples were identified and encoded to maintain traceability throughout the test sequences.
- 3) Either an automated cleaning procedure or an ultrasonic cleaning procedure may be used.
- 4) The automated procedure is used with aqueous compatible soldering materials.
- 5) Any additional preparation will be noted in the individual test sequences.
- 6) Solder Information: Lead Free

FLOWCHARTS**Cable Pull**Group 1

RF086-00BF-505050-0152

2 Assemblies

0 Degrees

Step Description

1. Cable Retention (1) - Non Standard
Note: Pull-to-destruct.

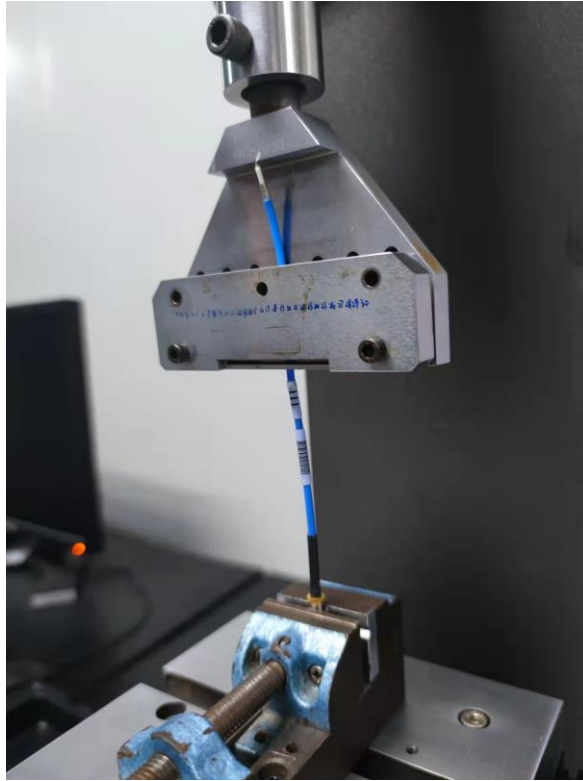
(1) Cable Retention = Other
Pull-to-destruct.
MIL-PRF-39012, Paragraph 4.6.21

ATTRIBUTE DEFINITIONS

The following is a brief, simplified description of attributes.

Cable Pull

Pull to cable until destroyed, record failure force.



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Part description: RF086-00BF	

RESULTS

Cable Pull

- **Min** -----27.20 Lbs
- **Max** -----27.48 Lbs

DATA SUMMARIES

Cable Pull

	Force (lbs)
Minimum	27.20
Maximum	27.48
Average	27.34

EQUIPMENT AND CALIBRATION SCHEDULES**Equipment #:** HZ-TCT-04**Description:** Dillon Quantrol TC21 25-1000 mm/min series test stand**Manufacturer:** Dillon Quantrol**Model:** TC2 I series test stand**Serial #:** 04-1041-04**Accuracy:** Speed Accuracy: +/- 5% of indicated speed; Speed Accuracy: +/- 5% of indicated speed;

... Last Cal: 05/29/2023, Next Cal: 05/29/2024