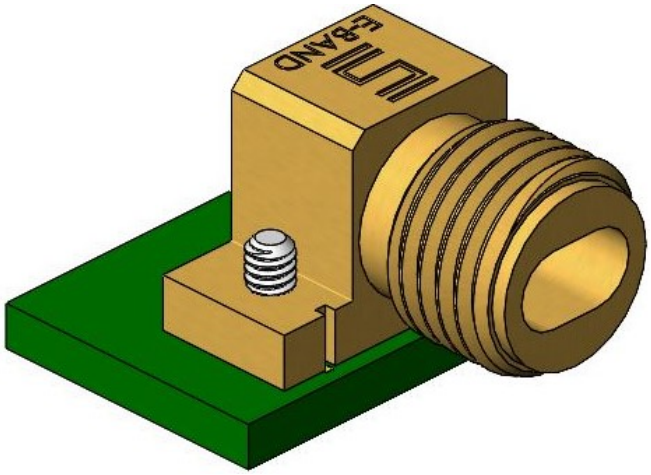
Project Number: Design Qualification Test Report	Tracking Code: CR-1183701_Report_Rev_1
Requested by: Willy Yeh	Date: 4/29/2025
Part #: 90T-J-P-EE-RA-CM\WF12-90TP-90TP-0305	
Part description: 90T\WF12	Tech: Kason He
Test Start: 12/16/2024	Test Completed: 12/16/2024



DESIGN QUALIFICATION TEST REPORT

90T\WF12
90T-J-P-EE-RA-CM\WF12-90TP-90TP-0305

REVISION HISTORY

DATA	REV.NUM.	DESCRIPTION	ENG
4/29/2025	**1**	**Initial Issue**	**KH**

CERTIFICATION

All instruments and measuring equipment were calibrated to National Institute for Standards and Technology (NIST) traceable standards according to IS0 10012-l and ANSI/NCSL 2540-1, as applicable.

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) Any additional preparation will be noted in the individual test sequences.

FLOWCHARTS

Cable Pull

Group 1
90T-J-P-EE-RA-CM
WF12-90TP-90TP-0305
5 Assemblies
0 Degrees

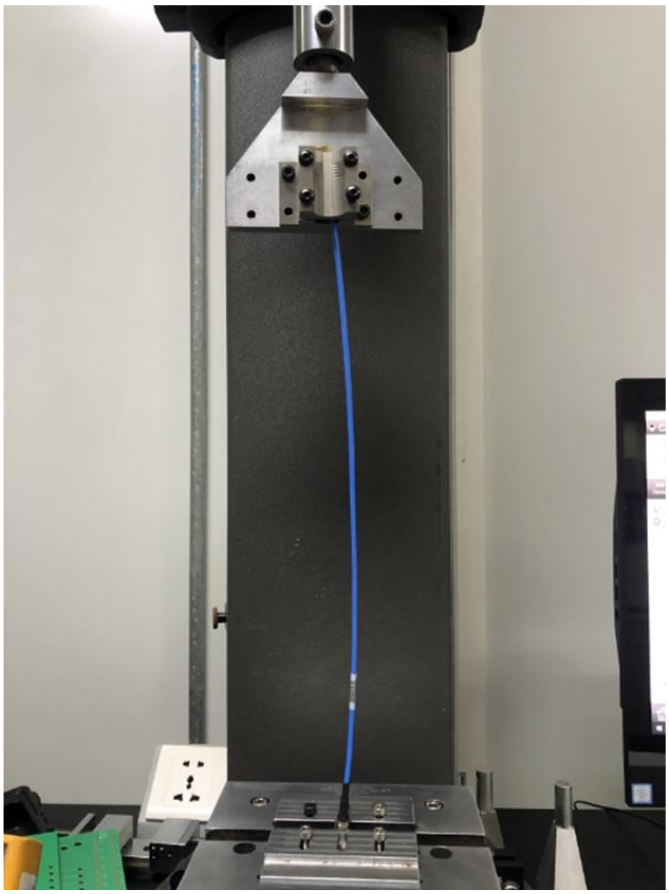
Step	Description
1.	Cable Pull (1) - Non Standard

(1) Cable Pull = Other
Measure and Record Force Required to Failure
Failure = Discontinuity >1 microsecond at 10 ohms
MIL-PRF-39012

ATTRIBUTE DEFINITIONS

CONNECTOR PULL:

1) Secure cable near center and pull on connector
    a. At 0°, in-line with cable



RESULTS

Cable Pull force

- **Min----------32.17 lbs**
- **Max ----------34.57 lbs**

DATA SUMMARIES

Cable Pull Force:

	Force (lbs)
Minimum	**32.17**
Maximum	34.57
Average	33.03

EQUIPMENT AND CALIBRATION SCHEDULES

Equipment #: HZ-TCT-01
Description: Normal force analyzer
Manufacturer: Mecmesin Multitester
Model: Mecmesin Multitester 2.5-i
Serial #: 08-1049-04
Accuracy: Last Cal: 3/4/2024, Next Cal: 3/3/2025