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JAXA-QTS-2060/H402B
21 March 2025

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JAXA-QTS-2060/H402A
Cancelled
21 March 2025

CONNECTORS, COAXIAL, RADIO FREQUENCY, HIGH RELIABILITY, SPACE USE,

RECEPTACLE JACK, STRAIGHT, 4-POINT ATTACHMENT RECEPTACLE JACK, STRAIGHT, 2-POINT ATTACHMENT

DETAIL SPECIFICATION FOR

Prepared and Established by Waka Manufacturing Co., Ltd.

Issued by Japan Aerospace Exploration Agency

This document is the English version of JAXA QTS/ADS which was originally written and authorized in Japanese and carefully translated into English for international users. If any question arises as to the context or detailed description, it is strongly recommended to verify against the latest official Japanese version.

The release date of the English version of this specification: 24 March 2026

Record of revisions

Rev.	Date	Description
NC	4 Mar. 2013	Original
A	28 Sept. 2016	Reflected the document (document number: JX-010 (Rev. A)) prepared by Waka Manufacturing Co., Ltd.
B	21 Mar. 2025	Reflected the document (document number: JX-010 (Rev. B)) prepared by Waka Manufacturing Co., Ltd.
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Revision history

Rev.	Date	Description
NC	4 Mar. 2013	Original
A	28 Sept. 2016	• Reflected the change notice 1 (CN1) issued for the original revision. • Supplementary figure 1: - Changed Dimension B of ID numbers 33K0-41 and 33K0-42 from “4.10 to 4.17” to “4.05 to 4.17” (error correction) - Changed Dimension C of ID number 33K0-41 from “0.90 to 1.1” to “0.90 to 1.10” (error correction) to standardize the number of significant figure. (Omission correction)
B	21 Mar. 2025	• Changed the following items in accordance with JAXA-QTS-2060 (Rev. F). 1) Changed terminology to align with the standardized nomenclature for connectors and contacts. (For Japanese version only.) 2) Changed the names of the following tests and inspections. a) Changed “corona level” to “partial discharge” in Tables 4, 5 and 9 and item e) of paragraph 4.4. b) Changed “force to engage/disengage” to “Connector mating and unmating forces” in Tables 5 and 7. c) Changed “mating characteristics” to “Contact insertion and removal characteristics” in Tables 4, 5 and 7, and item c) of paragraph 4.4. 3) Item “Coupling proof torque” of Table 5. Qualification Test (Connectors) a) Changed the column of sample size to “Not applicable” in accordance with requirements specified in paragraph H.3.7.2, Appendix H of JAXA-QTS-2060. • Supplementary figure 1 1) Corrected part of the dimension notation from upper/lower limit dimensions to plus-minus tolerance in accordance with the drawings maintained by Waka Manufacturing Co., Ltd. 2) Corrected the dimension "A" for ID numbers 33K0-01 and 33K0-02 from “5.60 to 6.40” to “5.80 to 6.20”. 3) Corrected the dimension "A" for ID numbers 33K0-21 and 33K0-22 from “4.35 to 5.15” to “4.65 to 4.95”. 4) Corrected the dimension "C" for ID numbers 33K0-21 and 33K0-22 from “3.05 to 3.30” to “3.07 to 3.27”. 5) Corrected the dimension "C" for ID numbers 33K0-41 and 33K0-42 from “0.90 to 1.10” to “0.80 to 1.20”. • Supplementary figure 2 1) Corrected the dimension "E" for ID numbers 33K0-21 and 33K0-22 from “4.35 to 5.15” to “4.65 to 4.95”. 2) Corrected the dimension "G" for ID numbers 33K0-21 and 33K0-22 from “3.05 to 3.30” to “3.07 to 3.27”. • Replaced supplementary figures 1, 2 and 3 to correct following items. 1) Corrected the alphabetical part of the dimension notation to ascending

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Rev.	Date	Description
		order starting from A to avoid duplication. 2) Replaced the dimensions shown in the supplementary figure 3 with dimensions compliant with the applicable standard MIL-PRF-39012 (Rev. F) (or MIL-STD-348 (Rev. B)), since the dimensions shown in the supplementary figure 3 were different from those shown in figure H-3 of JAXA-QTS-2060 (Rev. F). • Item a) of paragraph 4.4: Change to Tests and Inspections 1) Corrected “Externals, dimensions and marking” (specified in paragraph H.3.3, Appendix H of JAXA-QTS-2060) to “Marking” (specified in paragraph H.3.3.1, Appendix H of JAXA-QTS-2060), in which ethanol immersion test was specified. • Table 4. Performance 1) Added “marking” to the column of item in Table 4 to clarify that the requirement for ethanol immersion test specified in paragraph H.3.3.1, Appendix H of JAXA-QTS-2060 was not applicable, since laser marking were provided.

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RECEPTACLE JACK, STRAIGHT, 4-POINT ATTACHMENT
RECEPTACLE JACK, STRAIGHT, 2-POINT ATTACHMENT
DETAIL SPECIFICATION FOR

1. GENERAL

1.1 Scope

This specification establishes the requirements for coaxial radiofrequency connectors, receptacle jack, straight, 4- and 2-point attachment type specified in JAXA-QTS-2060, Appendix H (hereinafter referred to as “connectors”).

1.2 Part Number

The part number shall identify series, configuration, and identification number as follows. See Table 1 for details.

Example: J 2060 / HA 41 - 33K0－01

- 33K0－01: Identification number (paragraph 1.2.1)
- 41: Configuration (table 1)
- HA: Series (table 1)

1.2.1 Identification Number

The identification number for connectors shall indicate material, finish, termination style and applicable cable using one number or one alphabet, and the last two numbers indicate performance of the connector as shown below. See Table 1 for details.

Example: 3 3 K 0 - 01

- 01: Performance
- 0: Applicable cable
- K: Termination style
- 3: Finish
- 3: Material

Table 1. Part Number

Item		Applicable paragraph of JAXA-QTS-2060, Appendix H	Description	
Part number		H.1.2	Example: J2060/HA41-33K0-01	
Series		H.1.2.1	HA: SMA	
Configuration		H.1.2.2	Connector type	4 : Receptacle jack
			Connector configuration, attachment	1 : Straight 4-point attachment 2 : Straight 2-point attachment
Identification number	Material	H.1.2.3	3: Stainless steel (shell)	
	Finish		3: Passivation (shell)	
	Termination style		K: No termination	
	Applicable cable		0: No applicable cable	
	Performance		As specified in Table 2	

Table 2. Performance

No.	Center contact surface finish				Terminal Shape
	Underplating		Surface finish		
	Metal	Thickness (μm)	Metal	Thickness (μm)	
01	Ni	2.0 min.	Au	2.0 min.	Terminal shape I (Supp. Figure 1)
11					Terminal shape I (Supp. Figures 1 and 2)
21					Terminal shape II (Supp.Figures 1 and 2)
31					Terminal shape III(Supp.Figures 1 and 2)
41					Terminal shape IV (Supp.Figure 1)
51					Terminal shape V (Supp.Figure 1)
02	Cu	2.5 min.	Au	2.5 min.	Terminal shape I (Supp.Figure 1)
12					Terminal shape I (Supp.Figures 1 and 2)
22					Terminal shape II (Supp.Figures 1 and 2)
32					Terminal shape III (Supp.Figures 1 and 2)
42					Terminal shape IV (Supp.Figure 1)
52					Terminal shape V (Supp.Figure 1)

1.3 Rating

The rating shall be as specified in Table 3. The maximum rated power for operating temperature and frequency shall be shown in Figures 1 and 2, respectively.

Table 3. Rating

Item	Applicable paragraph of JAXA-QTS-2060, Appendix H	Description
Rated voltage (barometric)	H.3.5.1	335Vrms
Nominal impedance	H.3.5.2	50Ω
Operating frequency range	H.3.5.3	Not applicable
Operating temperature range	H.3.5.4	-65 to +115°C

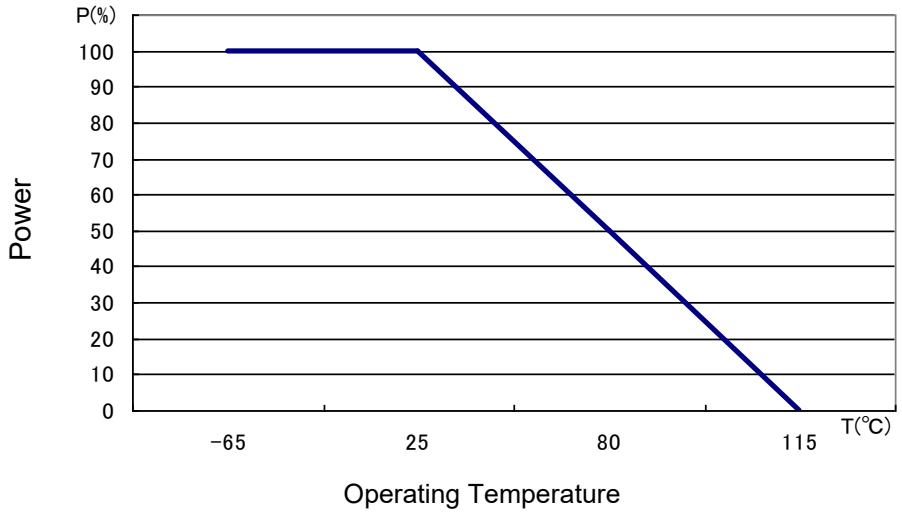

Figure 1. Maximum Rated Power in relation with Operating Temperature

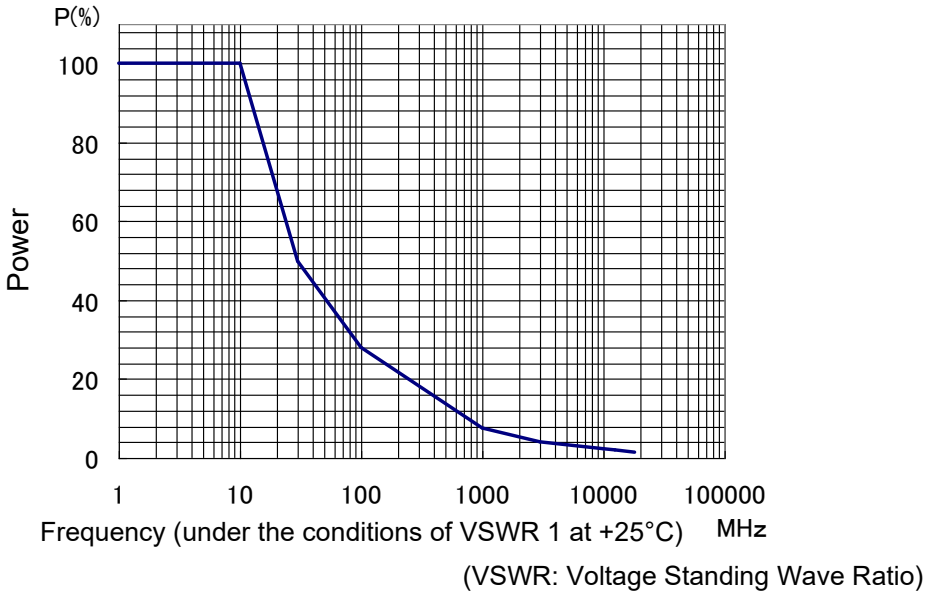

Figure 2. Maximum Rated Power in relation with Frequency

2. APPLICABLE DOCUMENTS

The applicable documents shall be as specified in paragraph H.2.1, Appendix H of JAXA-QTS-2060.

3. REQUIREMENTS

The requirements shall be in accordance with paragraph H.3, Appendix H of JAXA- QTS-2060 and as follows.

3.1 Performance

The performances shall be as shown in Table 4.

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Table 4. Performance

Item	Requirement of JAXA-QTS-2060	Performance
Material	H.3.2	As specified in Appendix H of JAXA-QTS-2060. However, the surface finish shall be specified as follows.
Surface finish	H.3.2.5	The surface finish of center contact shall be as specified in Table 2 and Supplementary figures 1 and 2.
Externals, dimensions and marking	H.3.3	As specified in Supplementary figures 1, 2 and 3.
Marking	H.3.3.1	Ethanol immersion shall not be performed due to laser marking.
Traceability	H.3.3.2	As specified in Appendix H of JAXA-QTS-2060.
Workmanship	H.3.3.3	As specified in Appendix H of JAXA-QTS-2060.
Plating	H.3.4	As specified in Appendix H of JAXA-QTS-2060.
Electrical performance	H.3.6	As specified in Appendix H of JAXA-QTS-2060. However, VSWR, RF leakage, and RF insertion loss shall be as follows.
Voltage Standing Wave Ratio (VSWR)	H.3.6.2	Not applicable
Partial discharge	H.3.6.5	When partial discharge occurs under normal pressure, reduce the barometric pressure to the specified value. Partial discharge shall not occur at the test voltage of 300Vrms. (or 5pc or less is allowed)
RF Leakage	H.3.6.7	Not applicable
RF Insertion loss	H.3.6.8	Not applicable
Mechanical performance	H.3.7	As specified in Appendix H of JAXA-QTS-2060. However, contact insertion and removal characteristics, coupling mechanism retention, and center contact crimp tensile strength shall be as follows.
Contact insertion and removal characteristics	H.3.7.3	For mating dimension, contact and insulation protrusion dimension shall be measured from the electrical, mechanical reference surface (See Supplementary figure 3)
Coupling Mechanism Retention	H.3.7.4	Not applicable
Cable Retention	H.3.7.6	Not applicable
Center Contact Crimp Tensile Strength	H.3.7.8	Not applicable
Environmental Performance	H.3.8	As specified in Appendix H of JAXA-QTS-2060. However, thermal shock shall be specified as follows.
Thermal shock	H.3.8.3	In quality conformance inspection, the maximum temperature shall be 115°C.

3.1.1 Coupling Proof Torque

When the connectors are mated in each test, the recommended coupling torque for screws shall be 78.94 {8.05} to 112.88N· cm {11.51Kgf· cm}.

4. QUALITY ASSURANCE PROVISIONS

4.1 Qualification Test

The qualification test for the connectors shall be performed in accordance with paragraph H.4.1, Appendix H of JAXA-QTS-2060 and Tables 5 and 6.

Table 5. Qualification Test (Connector)

Test			Requirement paragraph of JAXA-QTS-2060	Test method paragraph of JAXA-QTS-2060	Pass/Fail criteria	
Group	Order	Item			Sample size	Quantity of allowable defectives
I	1	Material([1])	H.3.2	H.4.3.2	-	-
	2	Externals, Dimensions and Marking	H.3.3	H.4.3.3	35	0
	3	Connector mating and unmating Forces	H.3.7.1	H.4.3.5.1		
	4	Coupling proof torque	H.3.7.2	H.4.3.5.2	Not applicable	
	5	Contact insertion and removal characteristics	H.3.7.3	H.4.3.5.3	35	
	6	Residual magnetization ([2])	H.3.2.2	H.4.3.2.4		
	7	Workmanship	H.3.3.3	H.4.3.3		
	8	Insulation resistance	H.3.6.3	H.4.3.4.3		
II	1	Center contact retention	H.3.7.5	H.4.3.5.5	5	
	2	Salt spray	H.3.8.5	H.4.3.6.5		
III	1	Voltage Standing Wave Ratio (VSWR)	H.3.6.2	H.4.3.4.2	Not applicable	
	2	Durability	H.3.7.7	H.4.3.5.7	5	0
IV	1	Contact resistance (between center contacts)	H.3.6.4	H.4.3.4.4	5	0
	2	Dielectric withstanding voltage	H.3.6.1	H.4.3.4.1		
	3	Vibration	H.3.8.1	H.4.3.6.1		
	4	Shock	H.3.8.2	H.4.3.6.2		
	5	Thermal shock	H.3.8.3	H.4.3.6.3.1		
	6	Moisture resistance	H.3.8.4	H.4.3.6.4		
	7	Partial discharge	H.3.6.5	H.4.3.4.5		
	8	RF High potential withstanding voltage	H.3.6.6	H.4.3.4.6		
	9	Cable retention	H.3.7.6	H.4.3.5.6	Not applicable	
	10	Coupling mechanism retention	H.3.7.4	H.4.3.5.4	Not applicable	
V	1	RF Leakage	H.3.6.7	H.4.3.4.7	Not applicable	
VI	1	RF Insertion Loss	H.3.6.8	H.4.3.4.8	Not applicable	
VII	1	Contact resistance	H.3.6.4	H.4.3.4.4	5	0
VIII	1	Solderability	H.3.7.9	H.4.3.5.9	5	0
IX	1	Outgassing	H.3.2.6	H.4.3.2.5	-	-

Notes: ([1]) The document shall be submitted to prove the design specification is satisfied.
([2]) The measurement results shall be listed in application datasheet.

Table 6. Qualification Test (Contact)

Test			Requirements paragraph of JAXA-QTS-2060	Test method paragraph of JAXA-QTS-2060	Pass/Fail criteria	
Group	Order	Items			Sample size	Quantity of allowable defective
I	1	Center contact crimp tensile strength	H.3.7.8	H.4.3.5.8	Not applicable	
II	1	Plating porosity	H.3.4.1	H.4.3.2.2	4	0
III	1	Plating thickness	H.3.4.2	H.4.3.2.3	4	0

4.2 Quality Conformance Inspection

Quality conformance inspection shall be as specified in paragraph H.4.2, Appendix H of JAXA-QTS-2060 and Tables 7, 8, and 9.

Table 7. Quality Conformance Inspection (Group A)

Inspection			Requirements paragraph of JAXA-QTS-2060	Test method paragraph of JAXA-QTS-2060	Pass/Fail criteria	
Group	Order	Item			Sample size	Quantity of allowable defective
A1	1	Materials	H.3.2	H.4.3.2	All	0
	2	Externals, dimensions and marking ([1])	H.3.3	H.4.3.3		
	3	Thermal shock	H.3.8.3	H.4.3.6.3.2		
	4	Insulation resistance	H.3.6.3	H.4.3.4.3		
	5	Dielectric withstanding voltage	H.3.6.1	H.4.3.4.1		
	6	Contact insertion and removal characteristics	H.3.7.3	H.4.3.5.3		
A2	1	Surface finish	H.3.2.5	H.4.3.2.1	AQL=2.5% ([2])	
	2	Connector mating and unmating forces	H.3.7.1	H.4.3.5.1	AQL=2.5% ([2])	
	3	Coupling proof torque	H.3.7.2	H.4.3.5.2	Not applicable	

Notes: ([1]) Connectors fail marking inspection only when the marking is unreadable or incorrect in external view. The acceptance or rejection of the dimensions and mass shall be based on 1.0% of the acceptable quality level (AQL) in "Single sampling plan for normal inspection" specified in JIS Z 9015, Attachment Table 2-A.

([2]) The acceptance quality level (AQL) is based on "Single sampling plan for normal inspection", specified in JIS Z 9015-1, Attachment Table 2-A.

Table 8. Quality Conformance Inspection (Group B)

Inspection			Requirements paragraph of JAXA-QTS-2060	Test method paragraph of JAXA-QTS-2060	Pass/Fail criteria	
Group	Order	Item			Sample size	Quantity of allowable defective
B1	1	RF leakage	H.3.6.7	H.4.3.4.7	Not applicable	
B2	1	RF insertion loss	H.3.6.8	H.4.3.4.8	Not applicable	
B3	1	Contact resistance	H.3.6.4	H.4.3.4.4	2	0
B4	1	Solderability	H.3.7.9	H.4.3.5.9	2	0
B5	1	Center contact retention	H.3.7.5	H.4.3.5.5	2	0
B6	1	Voltage Standing Wave Ratio (VSWR)	H.3.6.2	H.4.3.4.2	Not applicable	
B7	1	Center contact crimp tensile strength	H.3.7.8	H.4.3.5.8	Not applicable	
B8	1	Plating porosity ([1])	H.3.4.1	H.4.3.2.2	4	0
B9	1	Plating thickness ([1])	H.3.4.2	H.4.3.2.3	4	0

Note: ([1]) Applicable for contacts.

Table 9. Quality Conformance Inspection (Group C)

Inspection			Requirements paragraph of JAXA-QTS-2060	Test method paragraph of JAXA-QTS-2060	Pass/Fail criteria	
Group	Order	Item			Sample size	Quantity of allowable defective
C1	1	Center contact retention	H.3.7.5	H.4.3.5.5	2	0
	2	Salt spray	H.3.8.5	H.4.3.6.5		
C2	1	Voltage Standing Wave Ratio (VSWR)	H.3.6.2	H.4.3.4.2	Not applicable	
	2	Durability	H.3.7.7	H.4.3.5.7	2	0
C3	1	Contact resistance (between center contacts)	H.3.6.4	H.4.3.4.4	2	0
	2	Vibration	H.3.8.1	H.4.3.6.1		
	3	Shock (waveform specified)	H.3.8.2	H.4.3.6.2		
	4	Thermal shock	H.3.8.3	H.4.3.6.3		
	5	Moisture resistance	H.3.8.4	H.4.3.6.4		
	6	Partial discharge	H.3.6.5	H.4.3.4.5		
	7	RF potential withstanding voltage	H.3.6.6	H.4.3.4.6		
	8	Cable retention	H.3.7.6	H.4.3.5.6	Not applicable	
	9	Coupling mechanism retention	H.3.7.4	H.4.3.5.4	Not applicable	

4.3 Long-Term Storage

The long-term storage shall be in accordance with paragraph H.4.4, Appendix H of JAXA-QTS-2060.

4.4 Change to Tests and Inspections

The changes from the qualification test and quality conformance inspections specified in Appendix H of JAXA-QTS-2060 shall be as follows.

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a) Marking
Change: Ethanol immersion test shall not be performed.
Reason: Laser marking are provided.

b) Center contact retention
Change: For terminal styles II, IV, and V, the test shall be performed after the Teflon around the contact is removed.
Reason: Due to the center contact size being too small or too thin, the contact cannot be held securely for testing.

c) Contact insertion and removal characteristics
Change: The mating dimension shall be measured from the electrical and mechanical base surface of contact and Teflon.
Reason: The internal dimension cannot be measured after connectors are mated.

d) Vibration
Change: The method of securing the test equipment and the cable length are different from the specification.
Reason: The method of securing the connector is designed for SMA connectors using the flanges to fit with the connectors and the block jig for testing on each XYZ direction. The lead wire shall be connected to the terminal side of the connector.

e) Partial discharge
Change: The insulation oil shall not be used.
Reason: The insulation oil can be substituted by one-component RTV Silicone rubber and insulation oil tends to contaminate the chamber.
Change: After partial discharge occurs by increasing the voltage at room temperature, partial discharge level shall be measured under reduced pressure (4.4kPa) at the test voltage of 300Vrms for 60 seconds. Partial discharge shall not be occurred (or partial discharge level should be 5pC or below).
Reason: Partial discharge occurrence under reduced pressure will damage the connectors.

f) RF high potential withstanding voltage
Change: RF voltage shall be measured by an oscilloscope.
Reason: As an RF voltmeter, the oscilloscope capable of measuring more than 1000V, 5MHz shall be used. The current shall be measured by a resistor.

5. PREPARATION FOR DELIVERY

Preparation for delivery shall be in accordance with paragraph H.5, Appendix H of JAXA-QTS-2060 and as follows.

5.1 Packaging

The connectors shall be placed in a heat-sealed transparent polyethylene bag. If the packaging method is specified in the purchase specification, the connectors shall be packaged in such way to meet the requirement.

5.2 Marking on Package

Marking on package shall be as specified in Table 10.

Table 10. Marking on Package

Item	Applicable paragraph of JAXA-QTS-2060	Description
Part name	–	Coaxial radiofrequency connectors, receptacle jack, straight 4-point attachment type
Part number	H.1.2	Example: J2060/HA41-33K0-01
Applicable specification number	–	JAXA-QTS-2060/H402
Lot identification code	H.3.3.1	Example: 13 12 - 01
Purchaser	–	–
Certified manufacturer	–	Waka Manufacturing Co., Ltd.
Quantity of packaged products	–	Pcs.
Date of inspection	–	Year-month-day
Inspection result	–	“Pass” or “good”

6. NOTES

As specified in paragraph H.6, Appendix H of JAXA-QTS-2060.

7. EXTERNALS, DIMENSIONS AND MARKING

The externals, physical dimensions and marking of connectors shall be specified in supplementary Figures 1, 2, and 3.

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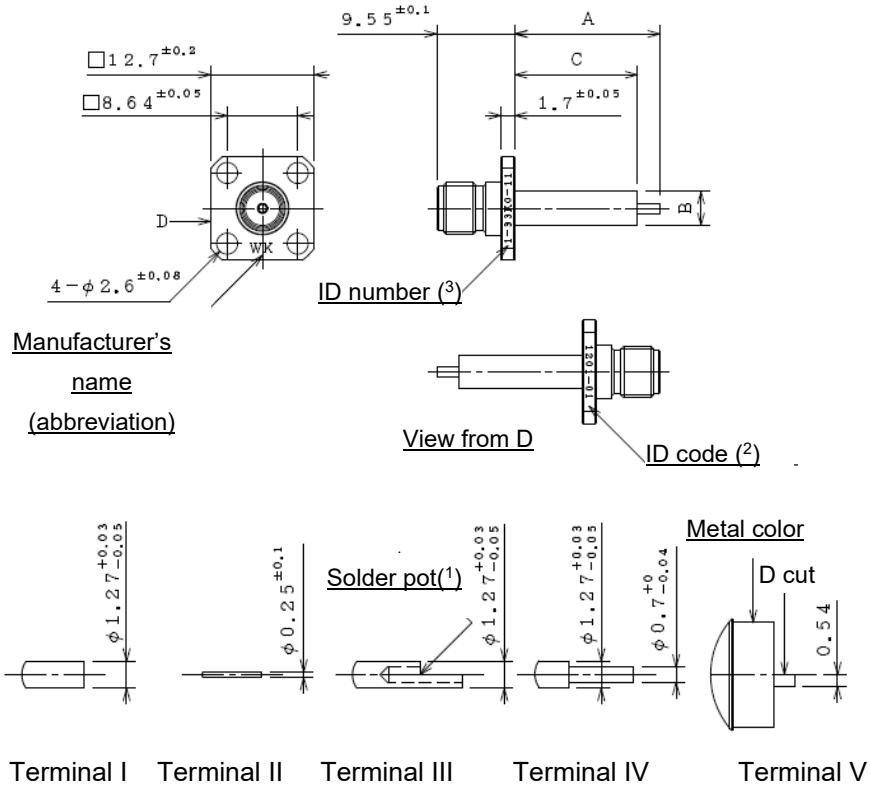
Unit: mm.



ID No.	A	B	C	Terminal shape	Surface treatment (center contact)	Mass (g)
33K0-01	6.0±0.2	4.1±0.1	4.0±0.2	I	Ni 2.0u Au 2.0u	2.6 to 2.8
33K0-11	17.87±0.4	4.1±0.1	15.0±0.4	I	Ni 2.0u Au 2.0u	3.1 to 3.3
33K0-21	4.75+0.2/-0.1	2.16±0.1	3.17±0.1	II	Ni 2.0u Au 2.0u	2.4 to 2.7
33K0-31	5.03±0.4	4.1±0.1	-0.20 to 0.05	III	Ni 2.0u Au 2.0u	2.5 to 2.7
33K0-41	5.5±0.4	4.12+0.05/-0.07	1.0±0.2	IV	Ni 2.0u Au 2.0u	2.4 to 2.7
33K0-51	3.0±0.4	4.94±0.1	2.0+0.05/-0	V	Ni 2.0u Au 2.0u	2.7 to 2.9
33K0-02	6.0±0.2	4.1±0.1	4.0±0.2	I	Cu 2.5u Au 2.5u	2.6 to 2.8
33K0-12	17.87±0.4	4.1±0.1	15.0±0.4	I	Cu 2.5u Au 2.5u	3.1 to 3.3
33K0-22	4.75+0.2/-0.1	2.16±0.1	3.17±0.1	II	Cu 2.5u Au 2.5u	2.4 to 2.7
33K0-32	5.03±0.4	4.1±0.1	-0.20 to 0.05	III	Cu 2.5u Au 2.5u	2.5 to 2.7
33K0-42	5.5±0.4	4.12+0.05/-0.07	1.0±0.2	IV	Cu 2.5u Au 2.5u	2.4 to 2.7
33K0-52	3.0±0.4	4.94±0.1	2.0+0.05/-0	V	Cu 2.5u Au 2.5u	2.7 to 2.9

Notes: (1) The solder pot hole shall be large enough for ϕ0.74 wire rod to be inserted a minimum of 2.24mm into the hole.
(2) Identification code shall be specified in Table 11.
(3) The number identifying the connector configuration, attachment style and identification number shall be marked.

Supplementary Figure 1. Externals, Physical Dimensions, and Marking

(4-Point Attachment Type)

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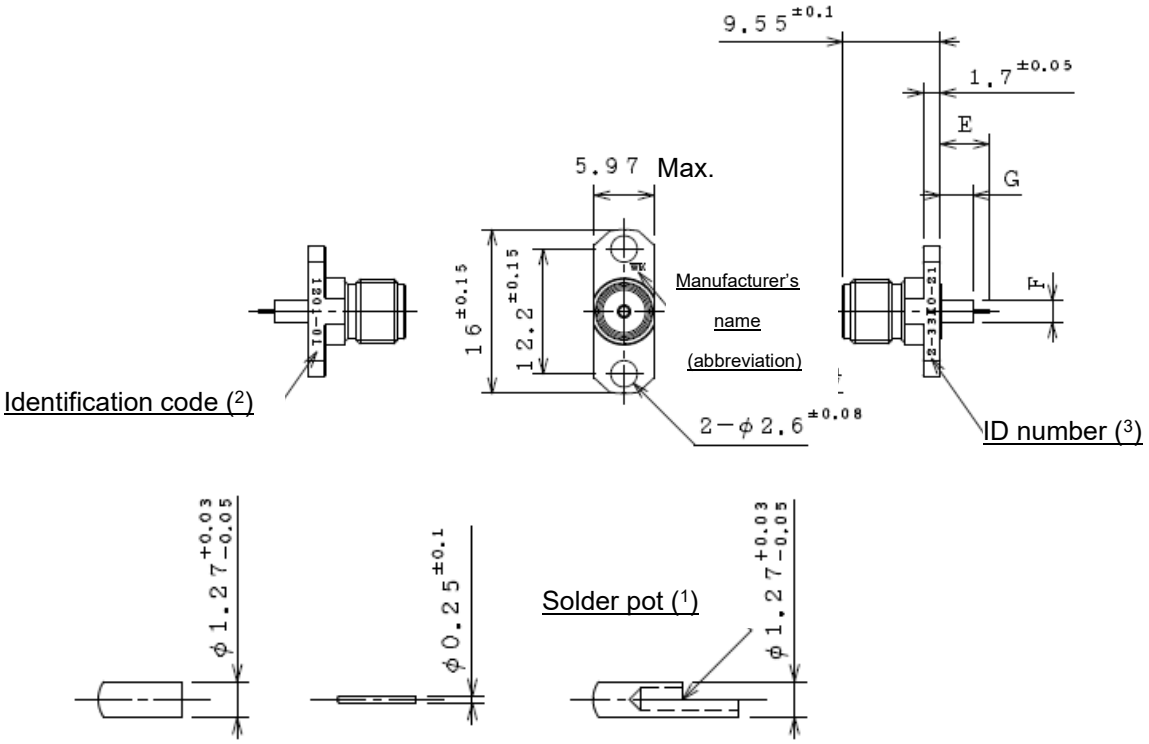
Unit: mm



Terminal I Terminal II Terminal III

ID No.	E	F	G	Terminal shape	Surface treatment (center contact)	Mass (g)
33K0-11	17.87±0.4	4.1±0.1	15.0±0.4	I	Ni 2.0u Au 2.0u	2.3 to 2.5
33K0-21	4.75+0.2/-0.1	2.16±0.1	3.17±0.1	II	Ni 2.0u Au 2.0u	1.7 to 1.9
33K0-31	5.03±0.4	4.1±0.1	-0.20 to 0.05	III	Ni 2.0u Au 2.0u	1.7 to 1.9
33K0-12	17.87±0.4	4.1±0.1	15.0±0.4	I	Cu 2.5u Au 2.5u	2.3 to 2.5
33K0-22	4.75+0.2/-0.1	2.16±0.1	3.17±0.1	II	Cu 2.5u Au 2.5u	1.7 to 1.9
33K0-32	5.03±0.4	4.1±0.1	-0.20 to 0.05	III	Cu 2.5u Au 2.5u	1.7 to 1.9

Notes: (1) The solder pot hole shall be large enough for ϕ0.74 wire rod to be inserted a minimum of 2.24mm into the hole.
(2) Identification code shall be specified in Table 11.
(3) The number identifying the connector configuration, attachment style and identification number shall be marked.

Supplementary Figure 2. Externals, Physical Dimensions, and Marking

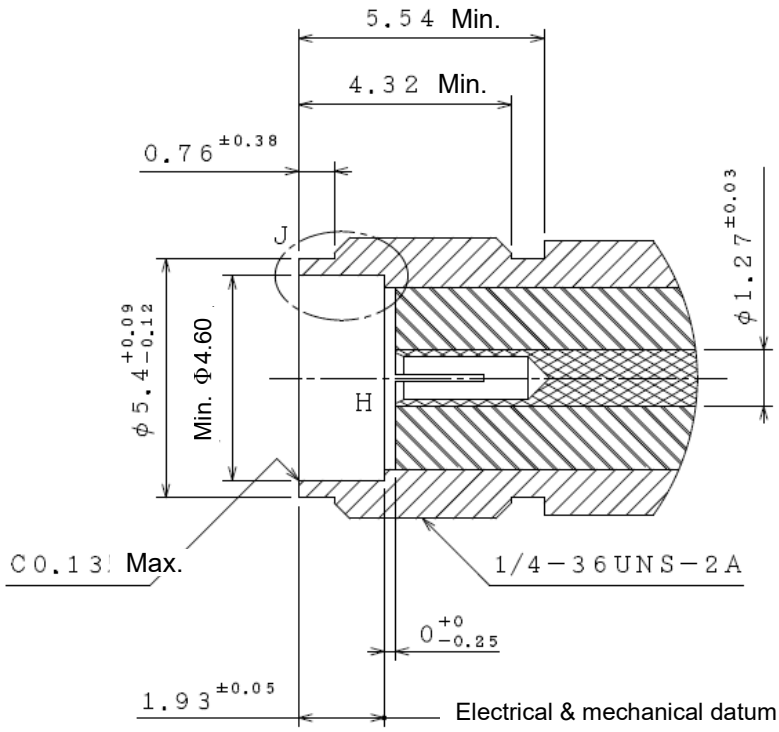
(2-Point Attachment Type)

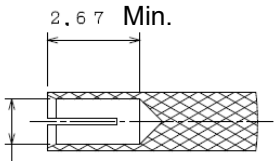
JX-010

Table 11. Identification Code

Example.: 13 (1) 12 (2) – 01 (3)	
1	The last two digits of the number of the year
2	The two digits indicating the calendar week of the year
3	Production lot number (series)

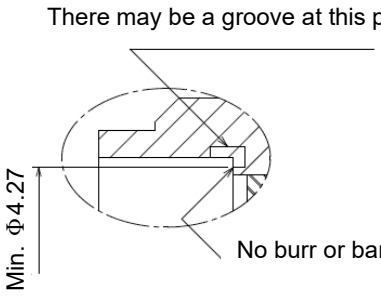
Unit: mm





When Φ0.90 to 0.94 pin is inserted, this dimension shall meet the requirements of contact insertion and removal characteristics and durability.

Point H enlarged view



Point J enlarged view

Supplementary Figure 3. Detailed Dimensions of Connector