

2.4 mm RF CONNECTOR

能够支持到50GHz的射频连接器
2.4mm型连接器，通过加厚外围，加强中心Pin针，能够有效解决SMA或者2.92mm型连接器强度不足问题。
提供形式多样的产品，既有简单的转换接头，也有PCB表面贴装型的接头。

Impedance	50 ohm
Frequency Range	Up to 50 GHz
Durability	500 cycles Min.



2.4 mm RF CONNECTOR CONVERSION ADAPTER PLUG TO PLUG



VSWR (DC~50GHz) : 1.2 Max.
Insulation resistance : 5,000M Ω Min.
Dielectric withstanding voltage : 500 Vrms Min.
Center contact resistance : 4 m Ω Max.
Outer contact resistance : 2.5 m Ω Max.

Durability : 500 cycles Min.

2.4 mm RF CONNECTOR CONVERSION ADAPTER JACK TO JACK



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Durability : 500 cycle Min.

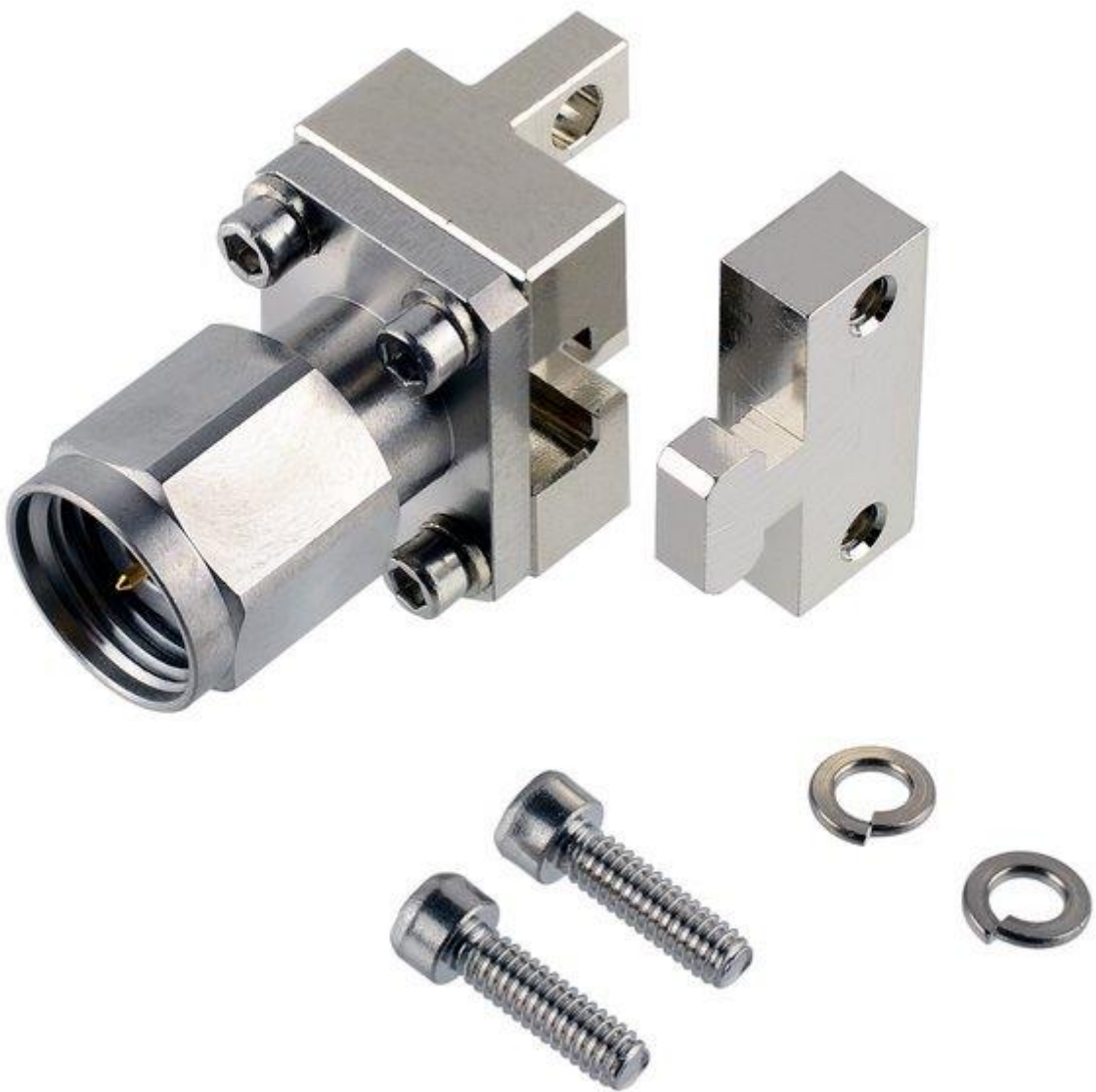
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Impedance	50 ohm
Frequency Range	Up to 50 GHz
Durability	500 cycles Min.



2.4 mm RF CONNECTOR END LAUNCH ADAPTER FOR PCB (PLUG)



VSWR (DC~50GHz) : 1.5 Max.
Insulation resistance : 5,000M Ω Min.
Dielectric withstanding voltage : 500 Vrms Min.
Center contact resistance : 6 m Ω Max.
Outer contact resistance : 2.5 m Ω Max.

Durability : 500 cycles Min.

2.4 mm RF CONNECTOR END LAUNCH ADAPTER FOR PCB (JACK)



VSWR (DC~50GHz) : 1.5 Max.
Insulation resistance : 5,000M Ω Min.
Dielectric withstanding voltage : 500 Vrms Min.
Center contact resistance : 6 m Ω Max.
Outer contact resistance : 2.5 m Ω Max.

Durability : 500 cycles Min.

2.4 mm RF CONNECTOR ADAPTER FOR PCB (INNER LAYER)



VSWR (DC~50GHz) : 1.5 Max.
Insulation resistance : 5,000M Ω Min.
Dielectric withstanding voltage : 500 Vrms Min.
Center contact resistance : 4 m Ω Max.
Outer contact resistance : 2.5 m Ω Max.

Durability : 500 cycles Min.

2.4 mm RF CONNECTOR

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提供形式多样的产品，既有简单的转换接头，也有PCB表面贴装型的接头。

Impedance	50 ohm
Frequency Range	Up to 50 GHz
Durability	500 cycles Min.



2.4 mm RF CONNECTOR ADAPTER FOR PCB (OUTER LAYER)



VSWR (DC~50GHz) : 1.5 Max.
Insulation resistance : 5,000M Ω Min.
Dielectric withstanding voltage : 500 Vrms Min.
Center contact resistance : 4 m Ω Max.
Outer contact resistance : 2.5 m Ω Max.

Durability : 500 cycles Min.

2.4 mm RF CONNECTOR TERMINATION ADAPTER (PLUG) (Nonreflective terminator)



Return loss : -20 dB Max.

Durability : 500 cycles Min.

2.4 mm RF CONNECTOR TERMINATION ADAPTER (JACK) (Nonreflective terminator)

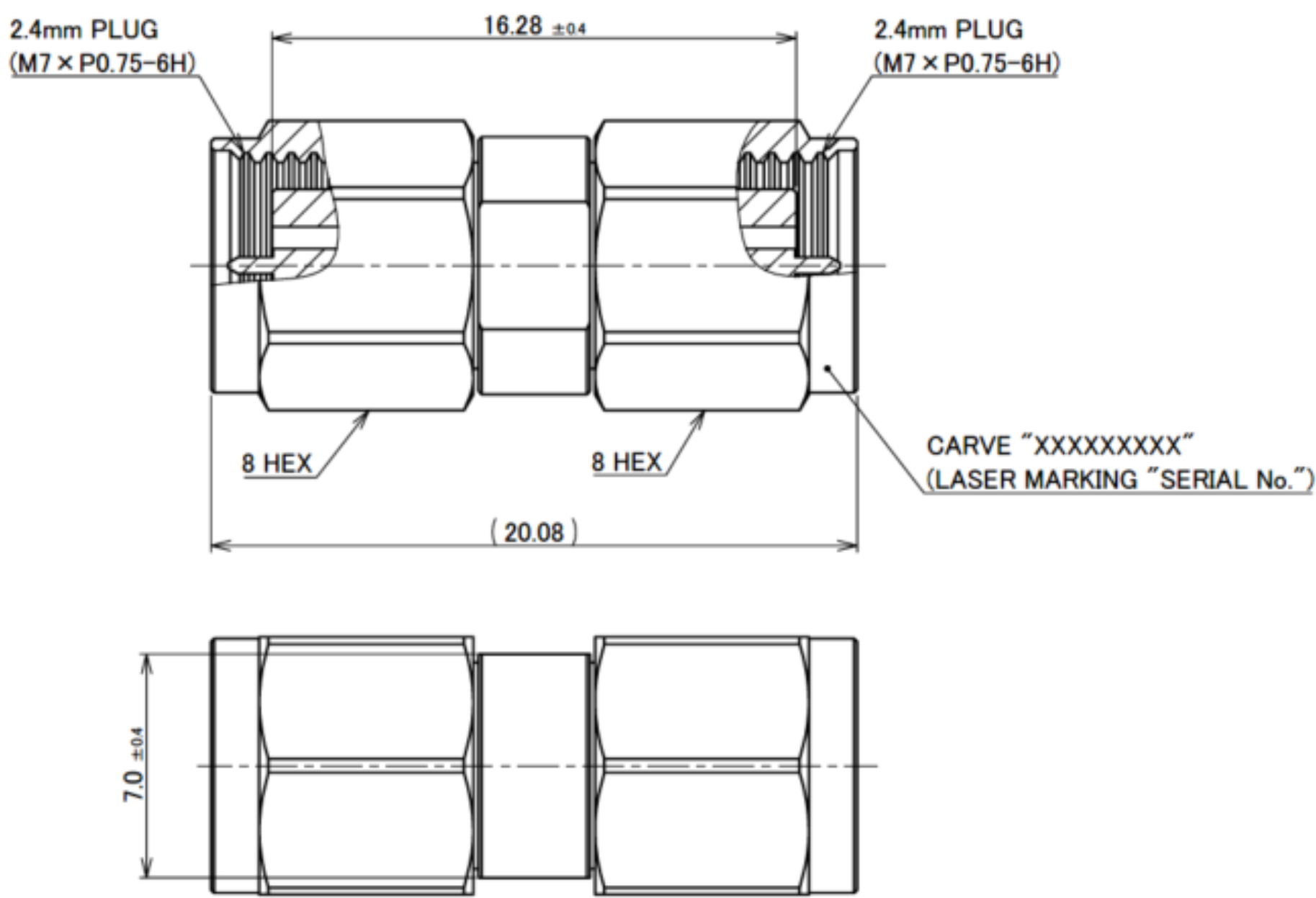


Return loss : -20 dB Max.

Durability : 500 cycles Min.

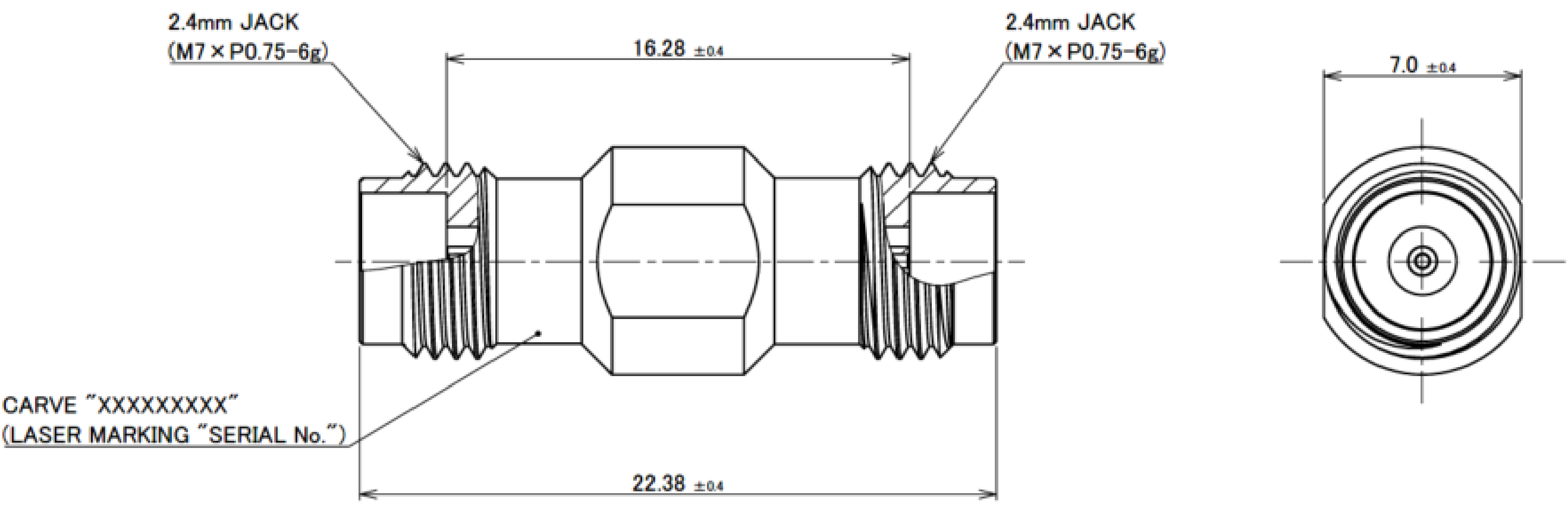
Component Parts Details

Recommended P/N		50201-0001
PART NO.	REMARK	
50201-0001	PLUG TO PLUG TYPE	



7	SHELL	SUS	PASSIVATED
6	C RING	BERYLLIUM COPPER	-
5	GASKET	SILICONE	RED
4	BODY	SUS	PASSIVATED
3	CONTACT PIN	BERYLLIUM COPPER	Au OVER Ni OVER Cu
2	INSULATOR	ULTEM 1000	AMBER
1	BODY	SUS	PASSIVATED
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

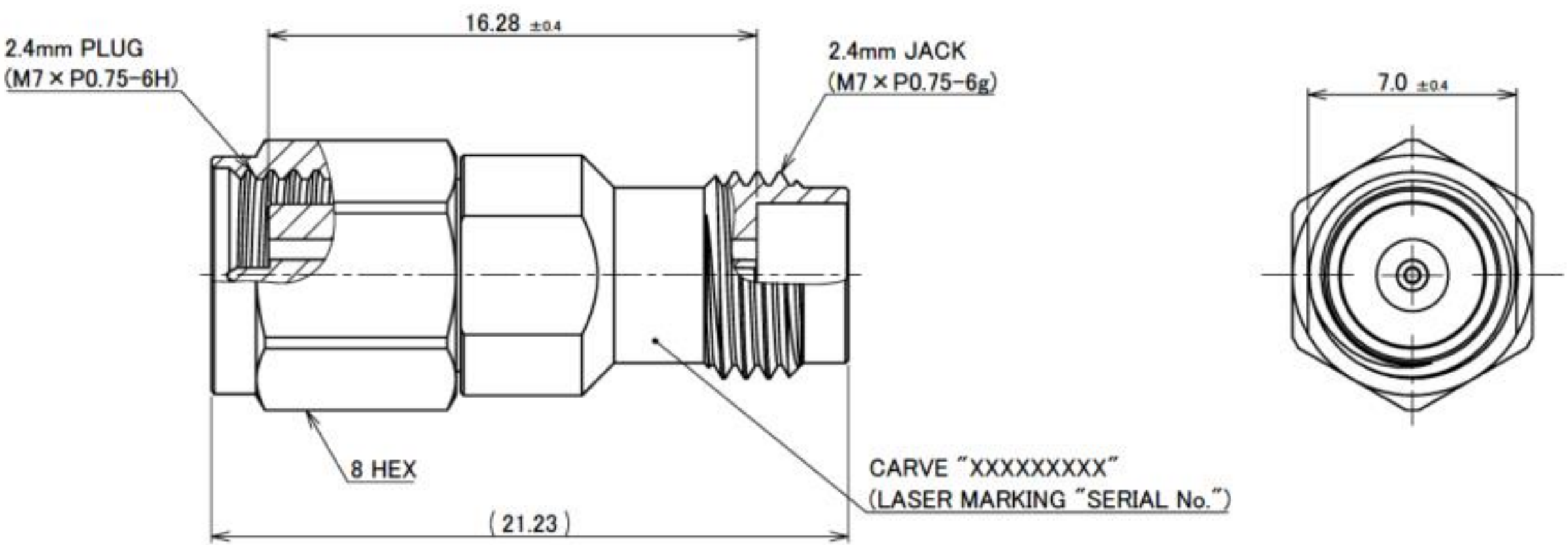
Recommended P/N		50201-JJ01
PART NO.	REMARK	
50201-JJ01	JACK TO JACK TYPE	



4	BODY	SUS	PASSIVATED
3	CONTACT PIN	BERYLLIUM COPPER	Au OVER Ni OVER Cu
2	INSULATOR	ULTEM 1000	AMBER
1	BODY	SUS	PASSIVATED
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

Rev.0

Recommended P/N		50201-0J01
PART NO.	REMARK	
50201-0J01	PLUG TO JACK TYPE	



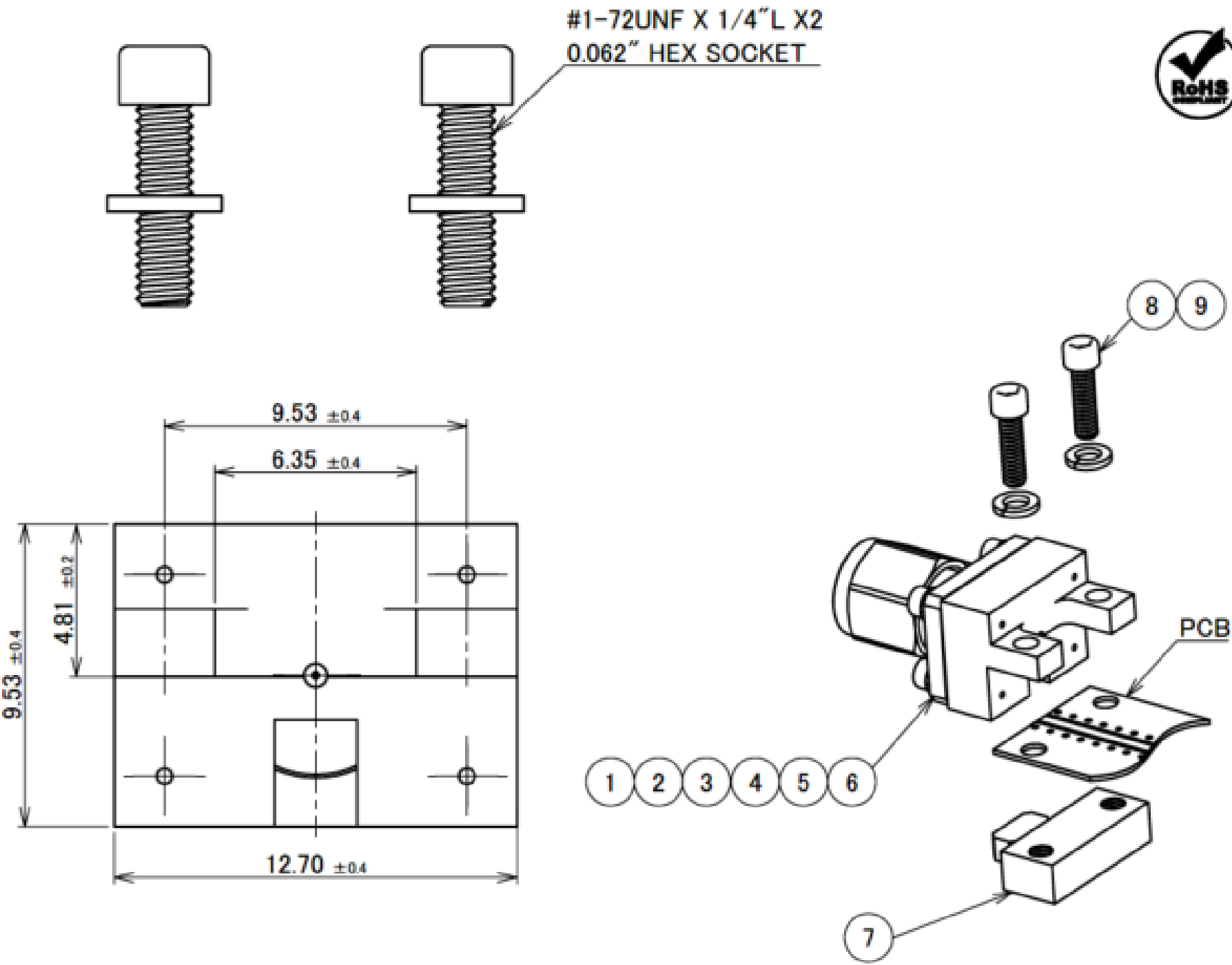
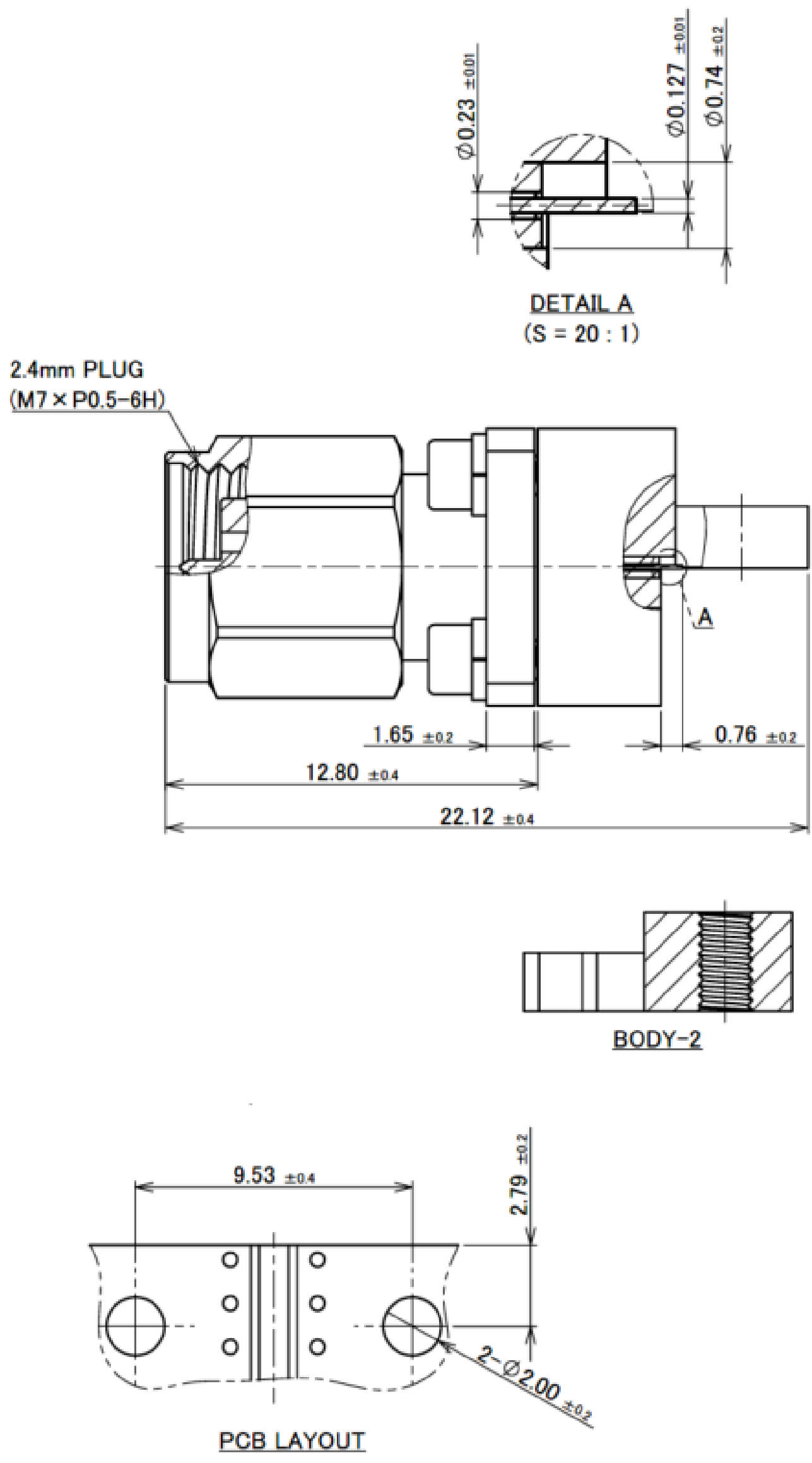
7	SHELL	SUS	PASSIVATED
6	C RING	BERYLLIUM COPPER	-
5	GASKET	SILICONE	RED
4	BODY	SUS	PASSIVATED
3	CONTACT PIN	BERYLLIUM COPPER	Au OVER Ni OVER Cu
2	INSULATOR	ULTEM 1000	AMBER
1	BODY	SUS	PASSIVATED
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

Rev.0

ITEMS	SPECIFICATION		
PART No.	50201-0001	50201-0J01	50201-JJ01
RATING FREQUENCY	DC ~ 50 GHz		
VSWR	1.2 MAX. AT DC ~ 50 GHz		
INNER CONTACT RESISTANCE	4.0mohm MAX.		
OUTER CONTACT RESISTANCE	2.5mohm MAX.		
INSULATION RESISTANCE	5000 Mohm MIN.		
DIELECTRIC WITHSTANDING VOLTAGE	AC 500 Vrms MIN. 1min		
DURABILITY	500 CYCLES		
PRODUCT SPECIFICATION	PRS-2706		
PACKING STANDARD	PST-21020		
APPEARANCE CRITERIA No.	QLS-A***	QLS-A***	QLS-A***

Rev.0

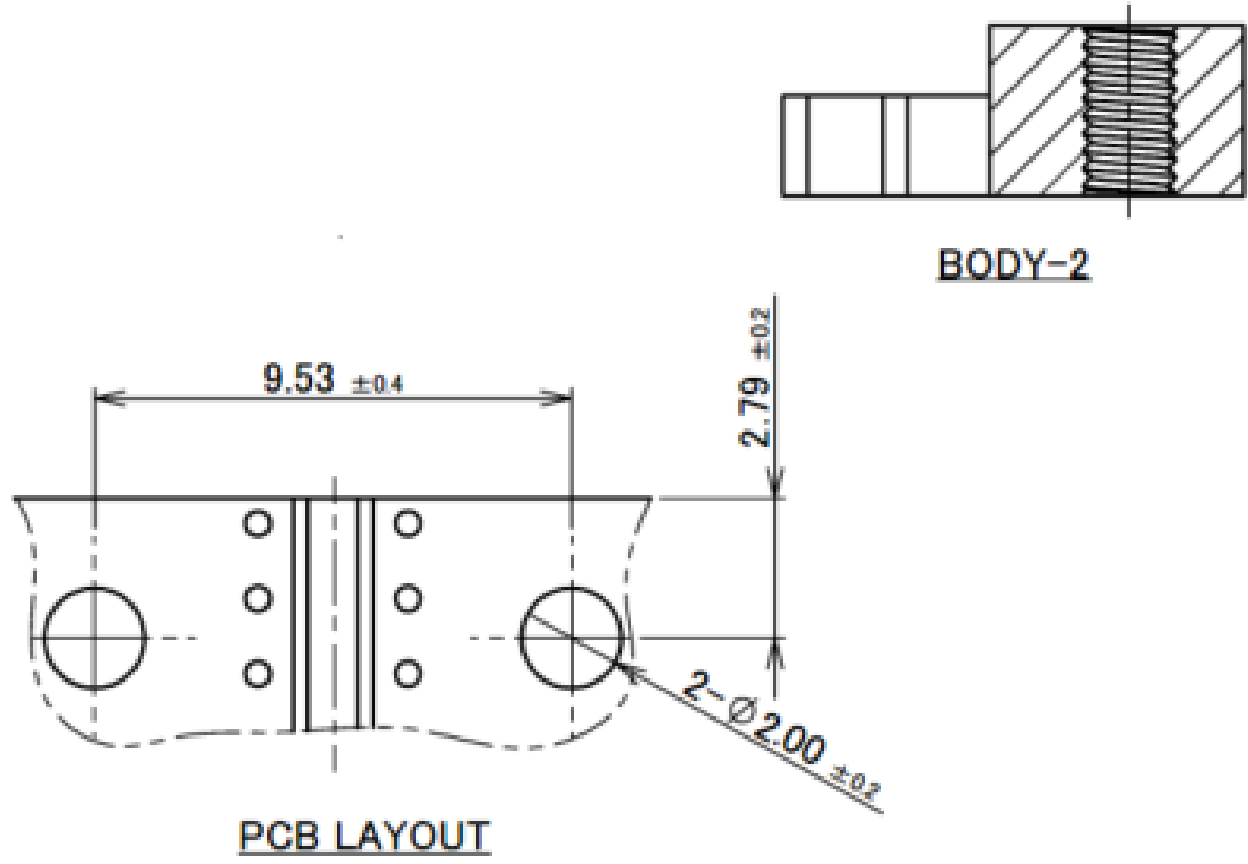
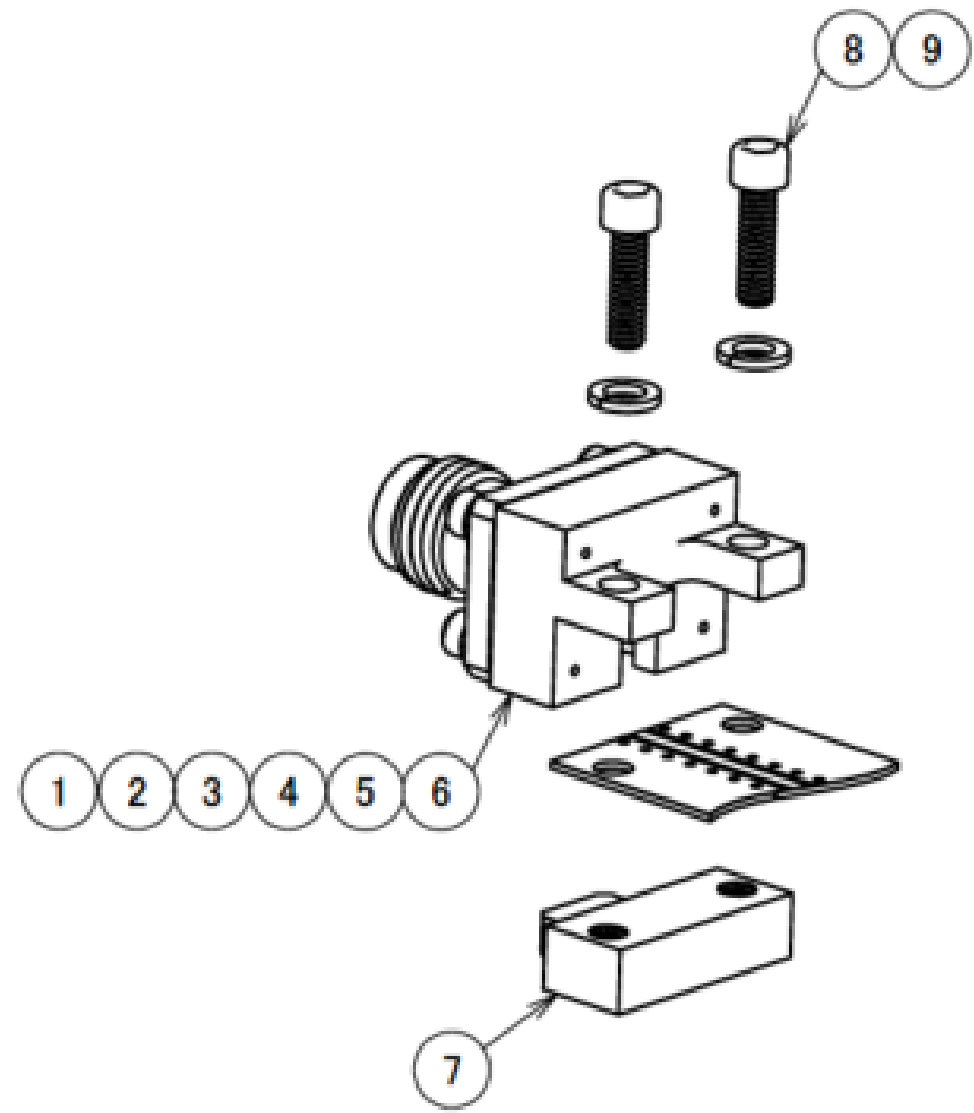
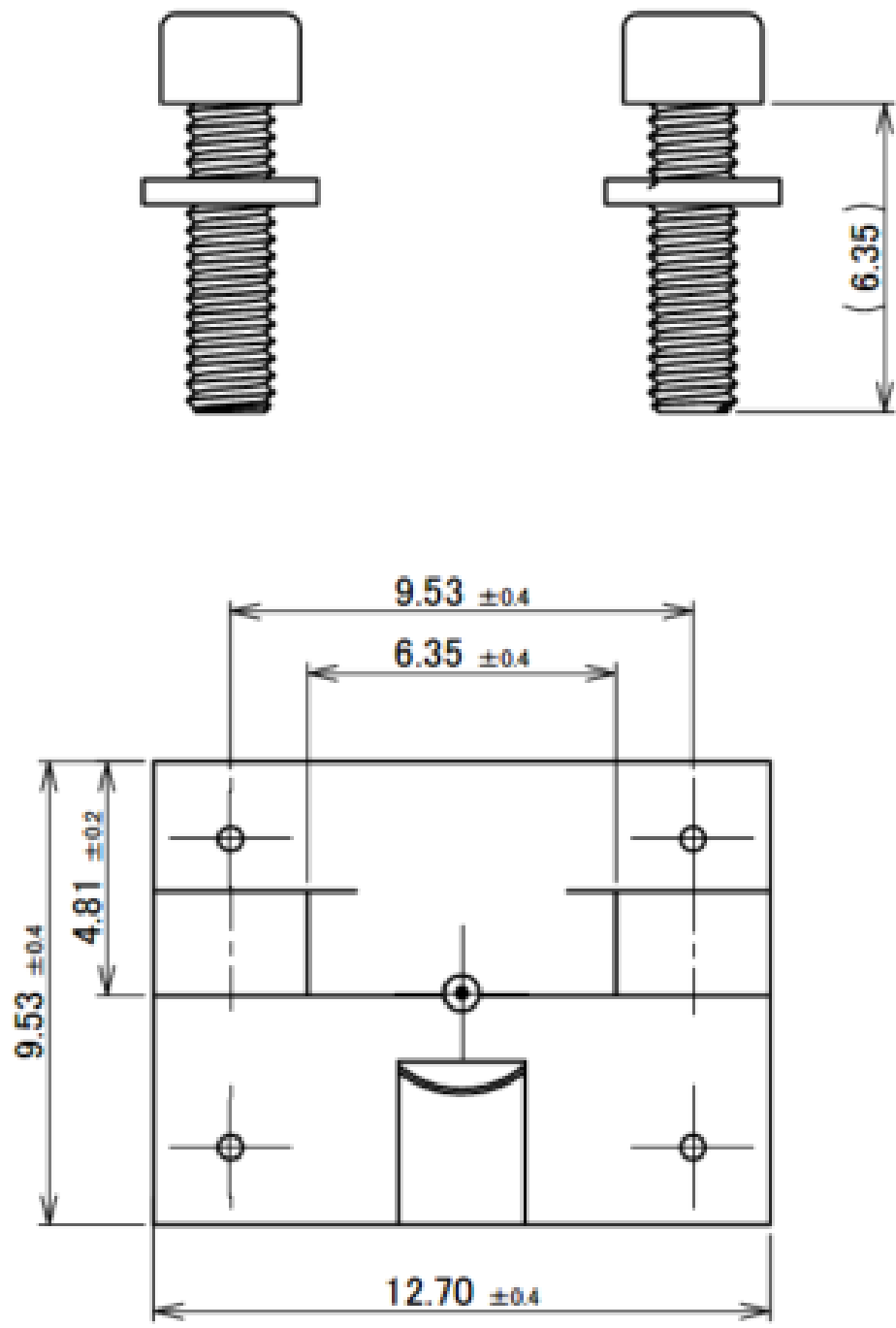
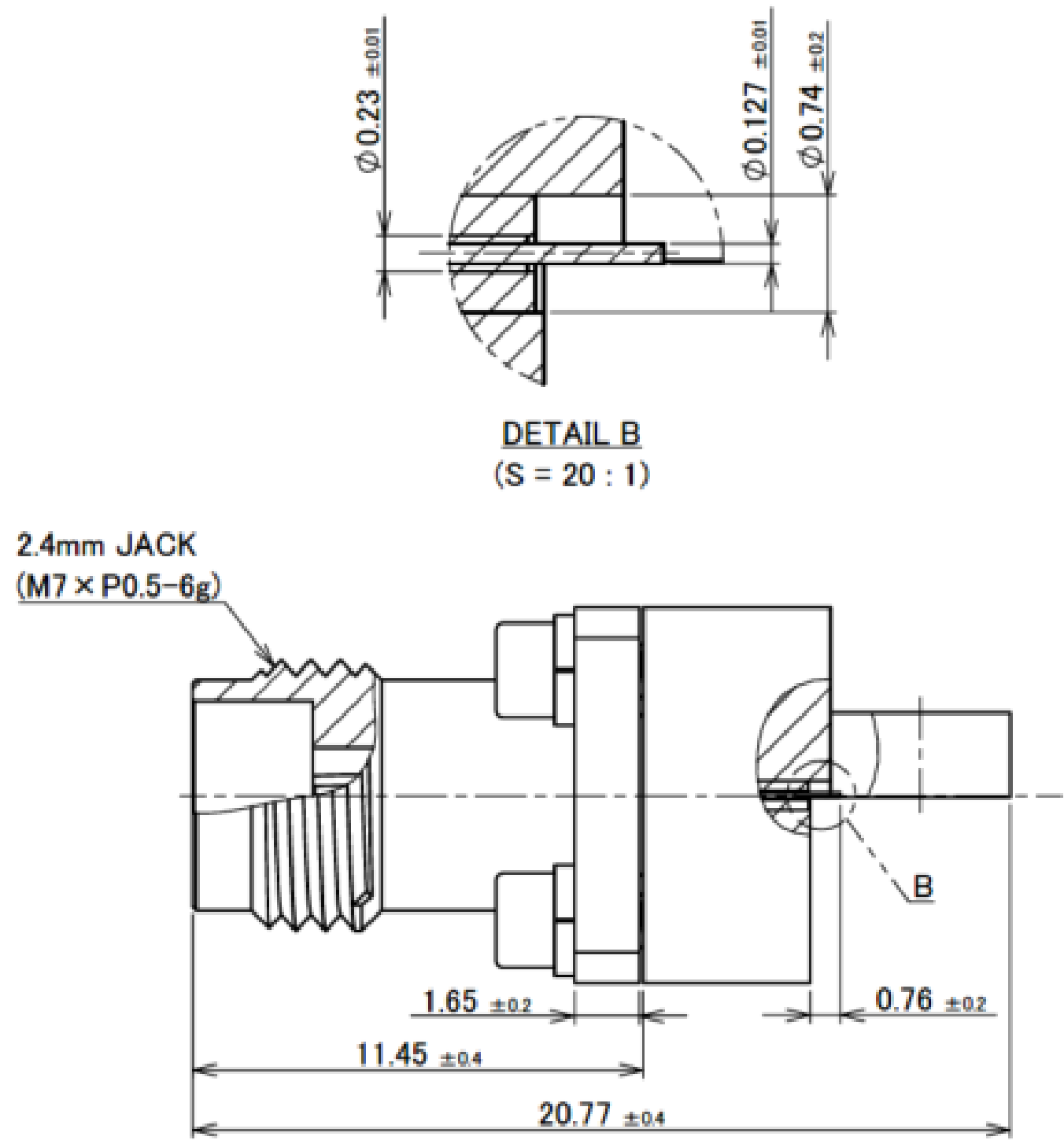
Recommended P/N	50202-0001
PART NO.	REMARK
50202-0001	PLUG TYPE



9	BOLT	SUS	-
8	WASHER	SUS	-
7	BODY-2	BRASS	Ni OVER Cu
6	BOLT	SUS	-
5	WASHER	SUS	-
4	CONTACT PIN	BERYLLIUM COPPER	Au OVER Ni OVER Cu
3	INSULATOR	PTFE	WHITE
2	BODY-1	BRASS	Ni OVER Cu
1	CONNECTOR	-	-
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

Rev.1

Recommended P/N		50202-J001
PART NO.	REMARK	
50202-J001	JACK TYPE	



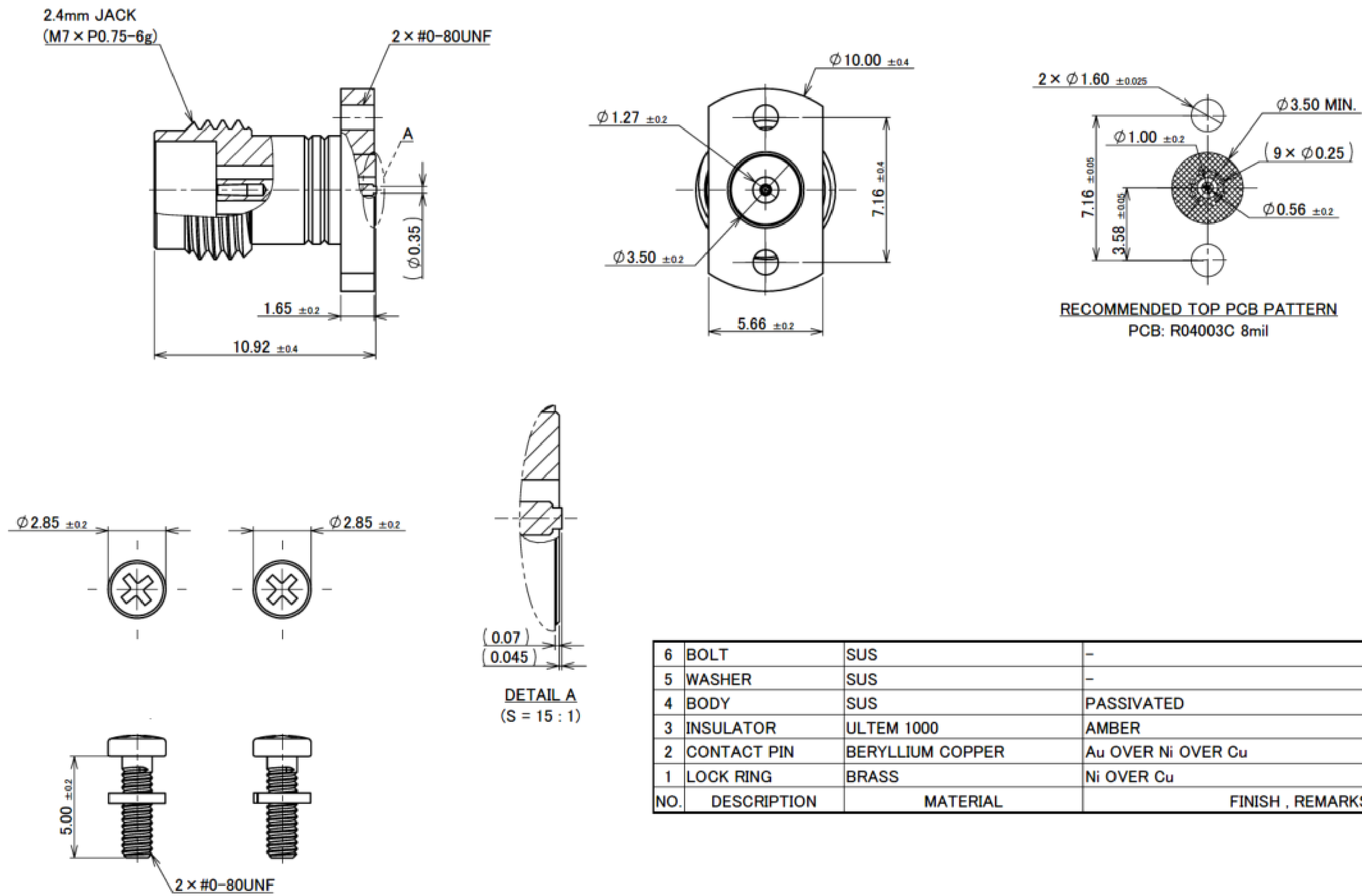
9	BOLT	SUS	-
8	WASHER	SUS	-
7	BODY-2	BRASS	Ni OVER Cu
6	BOLT	SUS	-
5	WASHER	SUS	-
4	CONTACT PIN	BERYLLIUM COPPER	Au OVER Ni OVER Cu
3	INSULATOR	PTFE	WHITE
2	BODY-1	BRASS	Ni OVER Cu
1	CONNECTOR		-
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

Rev.1

ITEMS	SPECIFICATION	
PART No.	50202-0001	50202-J001
RATING FREQUENCY	DC~50GHz	
VSWR	1.5 MAX. AT DC~50GHz	
INNER CONTACT RESISTANCE	6.0mohm MAX.	
OUTER CONTACT RESISTANCE	2.5mohm MAX.	
INSULATION RESISTANCE	5000Mohm MIN	
DIELECTRIC WITHSTANDING VOLTAGE	AC500V 1min	
DURABILITY	500 CYCLES	
PRODUCT SPECIFICATION	PRS-2707	
PACKING STANDARD	PST-21020	
APPEARANCE CRITERIA No.	QLS-A***	QLS-A***

Rev.1

Recommended P/N	50203-J001
PART NO.	REMARK
50203-J001	INNER LAYER TYPE



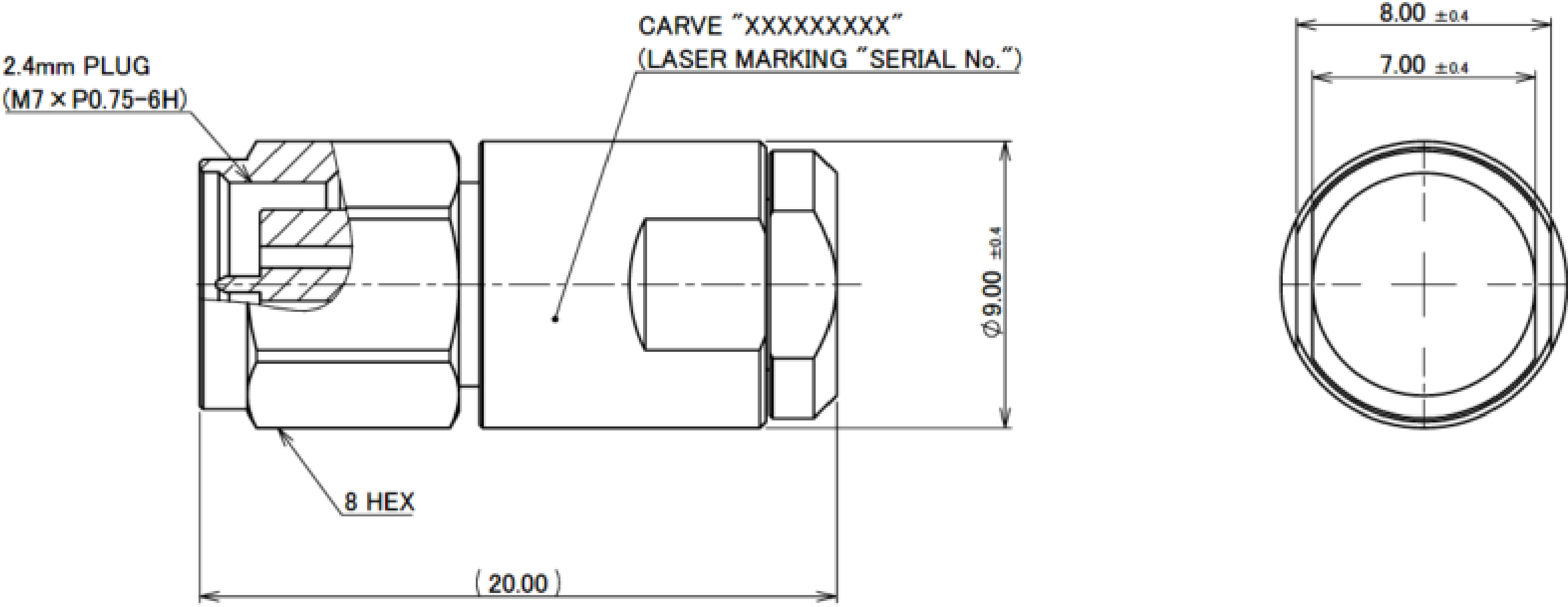
6	BOLT	SUS	-
5	WASHER	SUS	-
4	BODY	SUS	PASSIVATED
3	INSULATOR	ULTEM 1000	AMBER
2	CONTACT PIN	BERYLLIUM COPPER	Au OVER Ni OVER Cu
1	LOCK RING	BRASS	Ni OVER Cu
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

Rev.0

ITEMS	SPECIFICATION
RATING FREQUENCY	DC~50 GHz
VSWR	1.5 MAX. AT DC~50 GHz
INNER CONTACT RESISTANCE	4.0mohm MAX.
OUTER CONTACT RESISTANCE	2.5mohm MAX.
INSULATION RESISTANCE	5000 Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC 500 Vrms MIN. 1min
DURABILITY	500 CYCLES
PRODUCT SPECIFICATION	PRS-2708
PACKING STANDARD	PST-21020
APPEARANCE CRITERIA No.	QLS-A***

Rev.0

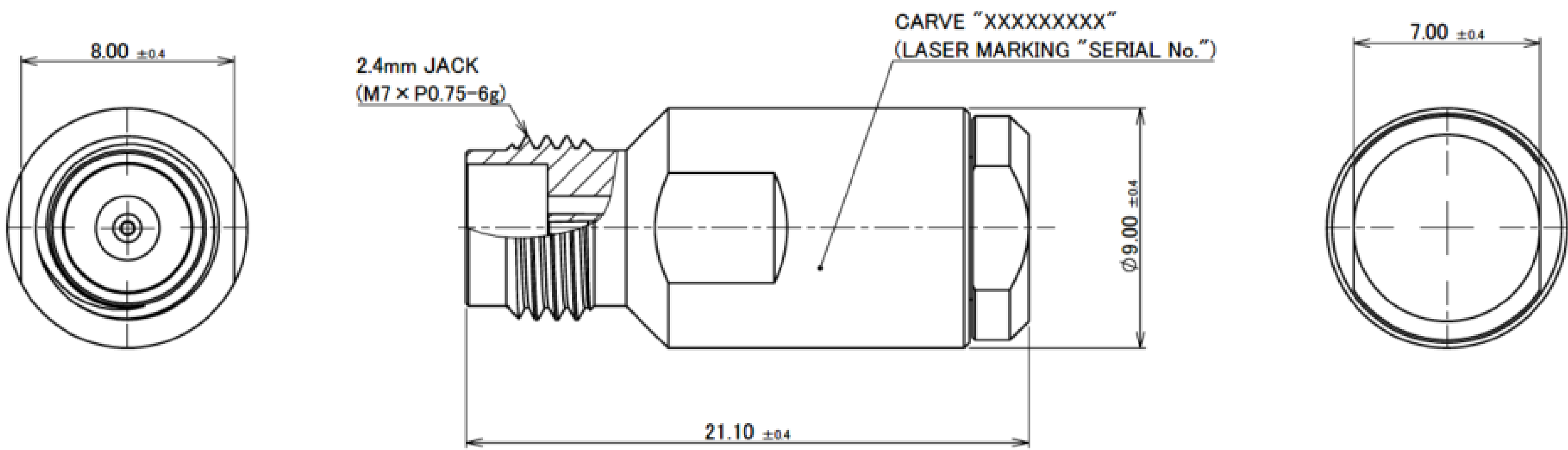
Recommended P/N		50205-0001
PART NO.	REMARK	
50205-0001	PLUG TYPE	



11	NUT	SUS	PASSIVATED
10	BOLT	SUS	PASSIVATED
9	BODY	BRASS	Au OVER Ni OVER Cu
8	RESISTOR	-	-
7	BODY	SUS	PASSIVATED
6	INSULATOR	PEEK	BEIGE
5	CONTACT PIN	BERYLLIUM COPPER	Au OVER Ni OVER Cu
4	SHELL	SUS	PASSIVATED
3	GASKET	SILICONE	RED
2	C RING	BERYLLIUM COPPER	-
1	BODY	SUS	PASSIVATED
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

Rev.0

Recommended P/N		50205-J001
PART NO.	REMARK	
50205-J001	JACK TYPE	



8	NUT	SUS	PASSIVATED
7	BOLT	SUS	PASSIVATED
6	BODY	BRASS	Au OVER Ni OVER Cu
5	BODY	SUS	PASSIVATED
4	INSULATOR	PEEK	BEIGE
3	RESISTOR	-	-
2	CONTACT PIN	BERYLLIUM COPPER	Au OVER Ni OVER Cu
1	BODY	SUS	PASSIVATED
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

Rev.0

ITEMS	SPECIFICATION	
PART No.	50205-0001	50205-J001
RATING FREQUENCY	DC~50GHz	
RETURN LOSS	-20dB MAX. AT DC~50 GHz	
DURABILITY	500 CYCLES	
PRODUCT SPECIFICATION	PRS-2710	
PACKING STANDARD	PST-21020	
APPEARANCE CRITERIA No.	QLS-A***	QLS-A***

Rev.0

Board to
Board



High-Density



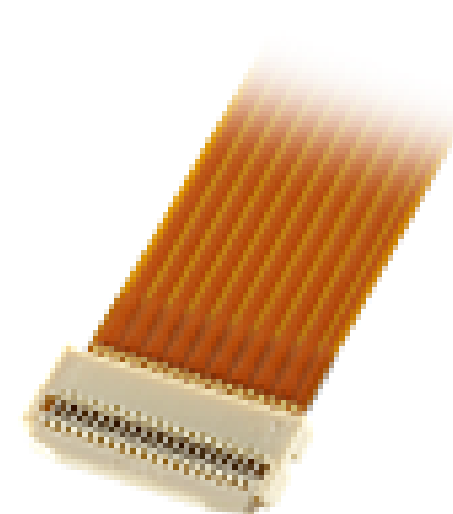
Autolocking
FPC/FFC



High-Density



FPC/FFC



Micro-Coaxial
/ Discrete Cable



High-Speed



RF



High-Frequency



Optical
Module



High-Speed



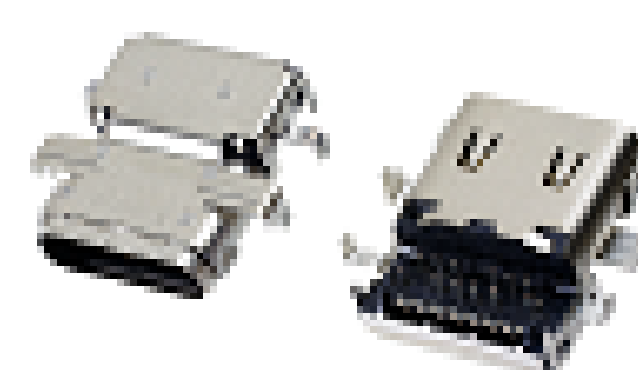
Power



High-Power



I/O
(Input/Output)



Quick charge

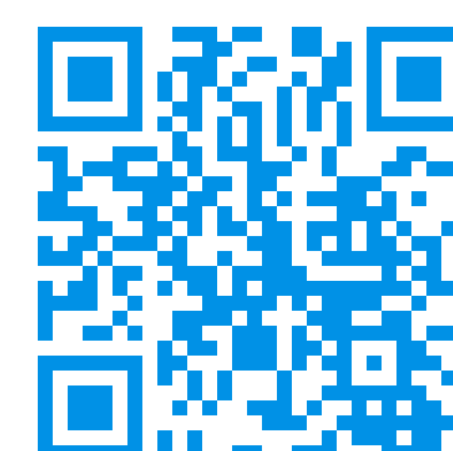


Effector



Custom
Connectors
Available

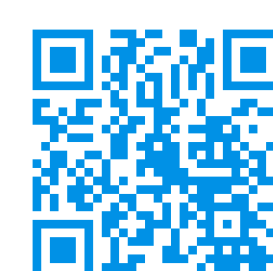
Inquiry



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