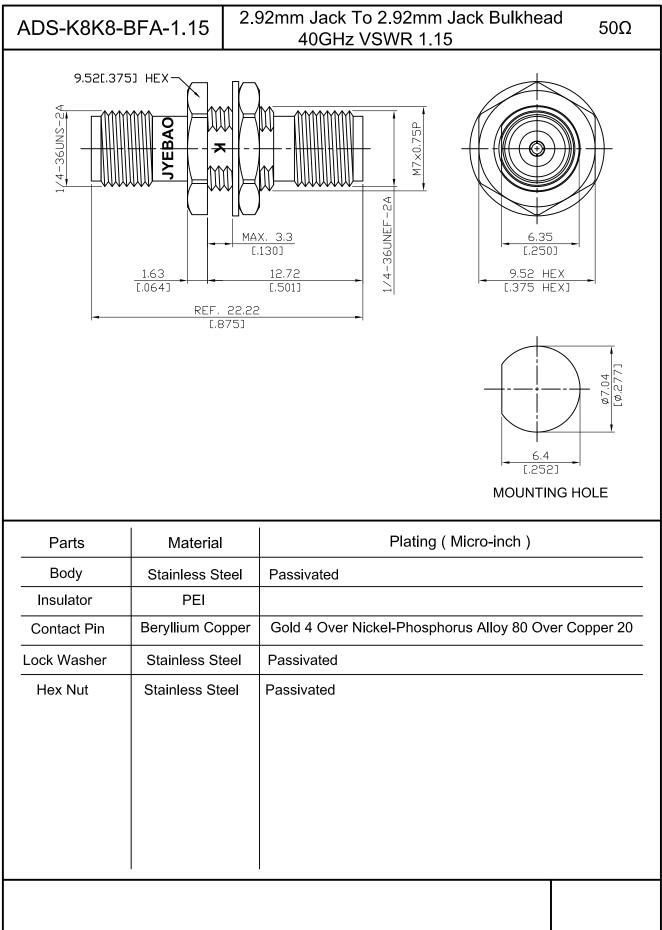


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This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.



InterfaceStandardMIL-STD-348BMechanically compatible with3.5 & SMAElectrical DataImpedanceImpedance500Frequency RangeDC to 40GHzVSWR≤1.15 (DC To 40GHz)Insertion Loss≤0.04 x \rift(GHz) dBInsulation Resistance≥5000MQDielectric Withstanding Voltage (at sea level)750 V rmsWorking Voltage (at sea level)250 V rmsRF Leakage≥100dB to 1GHzMechanical Data≥4.9 lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥4.9 lbsDurability (mating)≥500Environmental Data-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition BRoHSCompliant	ADS-K8K8-BFA-1.15	2.92mm	n Jack To 2.92mm Jack Bulkhead 40GHz VSWR 1.15
Mechanically compatible with  3.5 & SMA    Impedance  50Ω    Frequency Range  DC to 40GHz    VSWR  ≦1.15 (DC To 40GHz)    Insertion Loss  ≤0.04 x √f(GHz) dB    Insulation Resistance  ≥5000MΩ    Dielectric Withstanding Voltage (at sea level)  750 V rms    Working Voltage (at sea level)  250 V rms    RF Leakage  ≥100dB to 1GHz    Mechanical Data  ≥4.9 lbs    Coupling Proof Torque  15 in-lbs    Coupling Proof Torque  500    Durability (mating)  ≥500    Environmental Data  -40°C to +165°C    Thermal Shock  MIL-STD-202, Method 107, Condition B    Moisture Resistance  MIL-STD-202, Method 206    Corrosion  MIL-STD-202, Method 101, Condition B	Interface		
Electrical DataImpedance $50\Omega$ Frequency RangeDC to $40GHz$ VSWR $\leq 1.15$ (DC To $40GHz$ )Insertion Loss $\leq 0.04 \times \sqrt{f}(GHz) dB$ Insulation Resistance $\geq 5000M\Omega$ Dielectric Withstanding Voltage (at sea level) $750 V rms$ Working Voltage (at sea level) $250 V rms$ RF Leakage $\geq 100dB to 1GHz$ Mechanical DataRecommended Coupling Nut Torque $11.47$ in-lbsCoupling Proof Torque $15$ in-lbsContact Captivation-axial $\geq 4.9$ lbsDurability (mating) $\geq 500$ Environmental DataTemperature Range $-40^{\circ}C$ to $+165^{\circ}C$ Thermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition B	Standard		MIL-STD-348B
Impedance50ΩFrequency RangeDC to 40GHzVSWR≤ 1.15 (DC To 40GHz)Insertion Loss≤ 0.04 × √f(GHz) dBInsulation Resistance≥ 5000MΩDielectric Withstanding Voltage (at sea level)750 V rmsWorking Voltage (at sea level)250 V rmsRF Leakage≥ 100dB to 1GHzMechanical Data11.47 in-lbsRecommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥ 4.9 lbsDurability (mating)≥ 500Environmental Data-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition B	Mechanically compatible wit	h	3.5 & SMA
Impedance50ΩFrequency RangeDC to 40GHzVSWR≤ 1.15 (DC To 40GHz)Insertion Loss≤ 0.04 × √f(GHz) dBInsulation Resistance≥ 5000MΩDielectric Withstanding Voltage (at sea level)750 V rmsWorking Voltage (at sea level)250 V rmsRF Leakage≥ 100dB to 1GHzMechanical Data11.47 in-lbsRecommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥ 4.9 lbsDurability (mating)≥ 500Environmental Data-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition B			
Impedance50ΩFrequency RangeDC to 40GHzVSWR≤ 1.15 (DC To 40GHz)Insertion Loss≤ 0.04 × √f(GHz) dBInsulation Resistance≥ 5000MΩDielectric Withstanding Voltage (at sea level)750 V rmsWorking Voltage (at sea level)250 V rmsRF Leakage≥ 100dB to 1GHzMechanical Data11.47 in-lbsRecommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥ 4.9 lbsDurability (mating)≥ 500Environmental Data-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition B			
Frequency Range  DC to 40GHz    VSWR  ≤1.15 (DC To 40GHz)    Insertion Loss  ≤0.04 x √f(GHz) dB    Insulation Resistance  ≥5000MΩ    Dielectric Withstanding Voltage (at sea level)  750 V rms    Working Voltage (at sea level)  250 V rms    RF Leakage  ≥100dB to 1GHz    Mechanical Data  -    Recommended Coupling Nut Torque  11.47 in-lbs    Coupling Proof Torque  15 in-lbs    Contact Captivation-axial  ≥4.9 lbs    Durability (mating)  ≥500    Environmental Data  -40°C to +165°C    Thermal Shock  MIL-STD-202, Method 107, Condition B    Moisture Resistance  MIL-STD-202, Method 101, Condition B	Electrical Data		
VSWR  ≦ 1.15 (DC To 40GHz)    Insertion Loss  ≦ 0.04 x √f(GHz) dB    Insulation Resistance  ≥ 5000MΩ    Dielectric Withstanding Voltage (at sea level)  750 V rms    Working Voltage (at sea level)  250 V rms    RF Leakage  ≥ 100dB to 1GHz    Mechanical Data	Impedance		50Ω
Insertion Loss≤ 0.04 x √f(GHz) dBInsulation Resistance≥ 5000MΩDielectric Withstanding Voltage (at sea level)750 V rmsWorking Voltage (at sea level)250 V rmsRF Leakage≥ 100dB to 1GHzMechanical Data11.47 in-lbsRecommended Coupling Nut Torque15 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥ 4.9 lbsDurability (mating)≥ 500Environmental DataTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition B	Frequency Range		DC to 40GHz
Insulation Resistance≥ 5000MΩDielectric Withstanding Voltage (at sea level)750 V rmsWorking Voltage (at sea level)250 V rmsRF Leakage≥ 100dB to 1GHzMechanical Data11.47 in-lbsRecommended Coupling Nut Torque15 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥ 4.9 lbsDurability (mating)≥ 500Environmental Data-40°C to +165°CTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition B	VSWR		$\leq$ 1.15 (DC To 40GHz)
Dielectric Withstanding Voltage (at sea level)  750 V rms    Working Voltage (at sea level)  250 V rms    RF Leakage  ≥ 100dB to 1GHz    Mechanical Data  Image: State	Insertion Loss		≦0.04 x √f(GHz) dB
Working Voltage (at sea level)  250 V rms    RF Leakage  ≥ 100dB to 1GHz    Mechanical Data	Insulation Resistance		$\geq$ 5000M $\Omega$
RF Leakage $\geq 100dB$ to 1GHzMechanical DataRecommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial $\geq 4.9$ lbsDurability (mating) $\geq 500$ Environmental Data-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 101, Condition B	Dielectric Withstanding Voltage (at sea level)		750 V rms
Mechanical DataRecommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial $\geq 4.9$ lbsDurability (mating) $\geq 500$ Environmental DataTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B			250 V rms
Recommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥4.9 lbsDurability (mating)≥500Environmental Data-40°C to +165°CTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B	RF Leakage		$\geq$ 100dB to 1GHz
Recommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥4.9 lbsDurability (mating)≥500Environmental Data-40°C to +165°CTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B			
Recommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial≥4.9 lbsDurability (mating)≥500Environmental Data-40°C to +165°CTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B			
Coupling Proof Torque15 in-lbsContact Captivation-axial≥ 4.9 lbsDurability (mating)≥ 500Environmental DataTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B	Mechanical Data		
Contact Captivation-axial Durability (mating)≥4.9 lbs ≥500Environmental DataTemperature Range Thermal ShockMiL-STD-202, Method 107, Condition B 	Recommended Coupling Nu	it Torque	11.47 in-lbs
Durability (mating)≥ 500Environmental DataTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B	Coupling Proof Torque		15 in-lbs
Environmental DataTemperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B	Contact Captivation-axial		$\geq$ 4.9 lbs
Temperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B	Durability (mating)		≧500
Temperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B			
Temperature Range-40°C to +165°CThermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B			
Thermal ShockMIL-STD-202, Method 107, Condition BMoisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B			-40°C to +165°C
Moisture ResistanceMIL-STD-202, Method 206CorrosionMIL-STD-202, Method 101, Condition B			
Corrosion MIL-STD-202, Method 101, Condition B			
			,
Nono Compilant			
	Nono		Compliant

## ADS-K8K8-BFA-1.15

