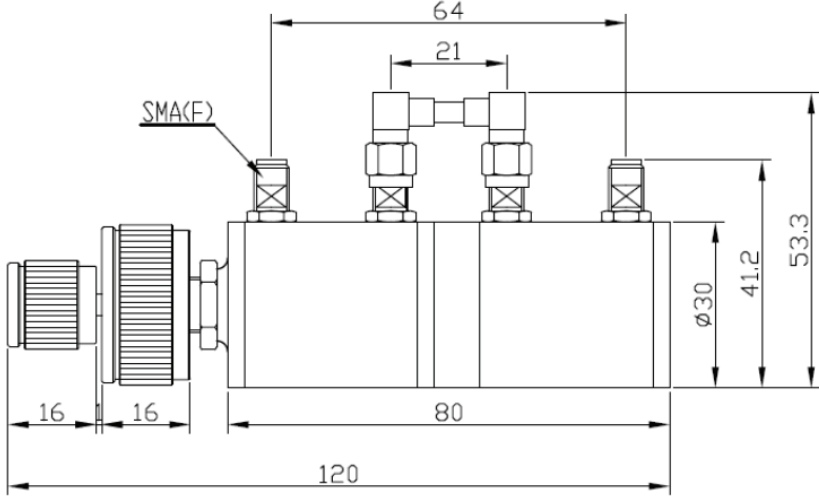



PART NUMBER <b>KAT177012</b>		REV.	DATE	COMMENTS	INITIAL														
<b>Electrical Data</b>  Impedance 50 Ω Average Power 2W,10W Peak Power 100W (5μs pulse width with 2%Duty Cycle)		<b>RoHS Compliant</b>																	
<b>Mechanical Data</b>  Temperature Range: -20 °C - 85 °C																			
<table><tr><td>Model Number</td><td>Frequency Range(GHz)</td><td>Attenuation Step Size</td><td colspan="2">Max VSWR SMA N</td><td>Insertion Loss(dB)</td><td>Attenuation Accuracy(dB)</td></tr><tr><td>KAT177012</td><td>DC-2.5</td><td>0-50dB in 1dB steps</td><td>1.30</td><td>1.35</td><td>≤1.0</td><td>±0.5dB(≤10dB) ±0.8dB or 3% (≤50dB)</td></tr></table>						Model Number	Frequency Range(GHz)	Attenuation Step Size	Max VSWR SMA N		Insertion Loss(dB)	Attenuation Accuracy(dB)	KAT177012	DC-2.5	0-50dB in 1dB steps	1.30	1.35	≤1.0	±0.5dB(≤10dB) ±0.8dB or 3% (≤50dB)
Model Number	Frequency Range(GHz)	Attenuation Step Size	Max VSWR SMA N		Insertion Loss(dB)	Attenuation Accuracy(dB)													
KAT177012	DC-2.5	0-50dB in 1dB steps	1.30	1.35	≤1.0	±0.5dB(≤10dB) ±0.8dB or 3% (≤50dB)													
Drawing not to scale. Dimensions for reference only      Units: mm    Tolerance ±5%																			



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PART NUMBER <b>KAT177012</b>		DESCRIPTION <b>Variable/Step Attenuator, SMA Female</b>	
CAGE CODE <b>664U0</b>	SIGNATURE 		
THIS DRAWING INCLUDING THE DESIGNS IS THE PROPERTY OF KONNECT RF AND IS NOT TO BE USED FOR ANY PURPOSE WITHOUT OUR APPROVAL.		<b>Component</b> Body Female Pin Housing Center Contact Insulator	<b>Material</b> Brass BeCu Aluminum  <b>Plating</b> Nickel Gold Brass Nickel