## imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

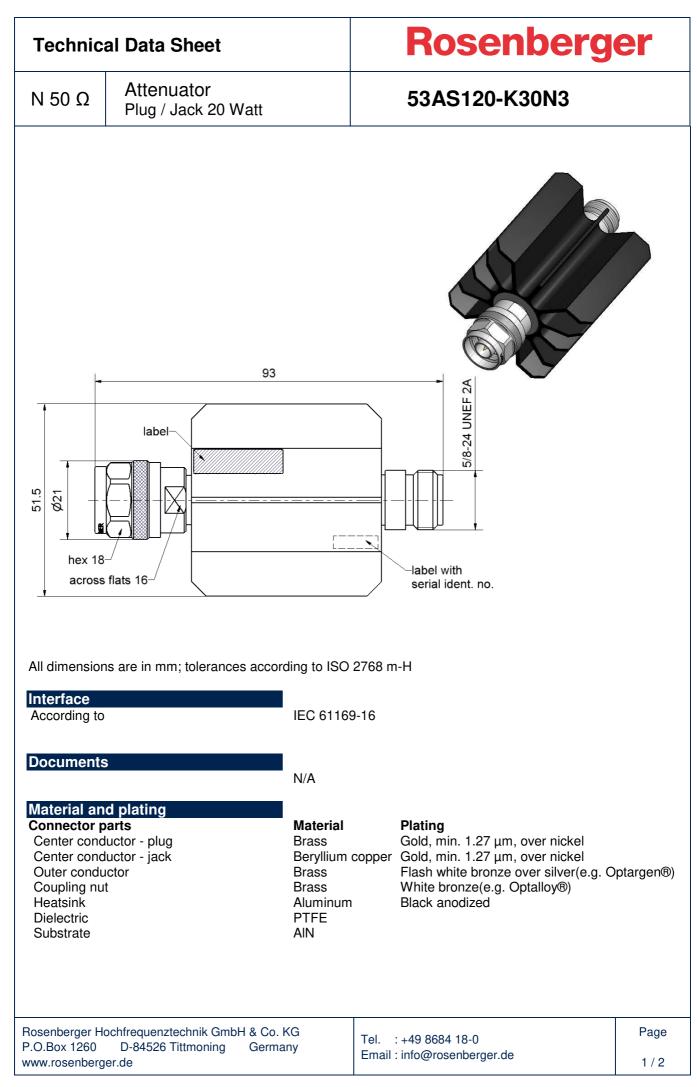
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





RF\_35/09.14/6.2

N 50 Ω       Attenuator Plug / Jack 20 Watt       53AS120-K30N3         Electrical data Impedance Frequency Return loss       50 Ω DC to 10 GHz ≥ 28.4 dB, DC to 2 GHz ≥ 21.2 dB, 2 GHz to 5 GHz ≥ 14.0 dB, 5 GHz to 10 GHz         Attenuation       30 dB ± 0.4 dB, DC to 2 GHz 30 dB ± 0.5 dB, 2 GHz to 4 GHz 30 dB ± 1.75 dB, 4 GHz to 10 GHz         Power handling (at 25 °C, sea level)       ≤ 20 W, derated linearity by 0.2 W/K         Mechanical data Mating cycles Coupling nut retention Coupling test torque Conter contact captivation Coupling test torque Conter contact captivation Coupling test torque N/A       > 500 2 450 N 2 28 N 3 0 B ± 1.75 dB, 4 GHz to 4 GHz 3 0 B ± 1.75 mB 2 28 N 3 0 B ± 1.75 mB 2 28 N 3 0 B ± 1.75 mB 2 28 N 3 0 B ± 1.75 mB 3 0 B ± 0.75 mB 3 0 B ± 1.75 mB 3 0 B ± 1.75 mB 3 0 B ± 1.75 mB 3 0 B ± 0.75 mB	jer	Rosenberger			Technical Data Sheet			
Impedance       50 Ω         Frequency       DC to 10 GHz         Return loss       ≥ 26.4 dB, DC to 2 GHz         ≥ 1.2 dB, 2 GHz to 5 GHz       ≥ 14.0 dB, 5 GHz to 10 GHz         Attenuation       30 dB ± 0.5 dB, 2 GHz to 4 GHz         30 dB ± 0.5 dB, 2 GHz to 10 GHz       30 dB ± 1.75 dB, 4 GHz to 10 GHz         Power handling (at 25 °C, sea level)       ≤ 20 W, derated linearity by 0.2 W/K         Mating cycles       ≥ 500         Coupling nut retention       ≥ 450 N         Coupling nut retention       ≥ 450 N         Coupling nut retention       ≥ 450 N         Coupling test torque       0.7 Nm to 1.1 Nm         Recommended torque       0.7 Nm to 1.1 Nm         Environmental data       -65 °C to +125 °C compliant         Tooling       N/A         Suitable cables       N/A         Packing       1 pce in air cushion bag         Weight       270 g/pce   While the information has been carefully complied to the best of our knowledge, nothing is intended as representation or w we reserve the right to make changes judged to be necessary.		0 <b>N</b> 3	53AS120-K3					Ν 50 Ω
Impedance       50 Ω         Frequency       DC to 10 GHz         Return loss       ≥ 26.4 dB, DC to 2 GHz         ≥ 11.2 dB, 2 GHz to 5 GHz       ≥ 14.0 dB, 5 GHz to 10 GHz         Attenuation       30 dB ± 0.5 dB, 2 GHz to 10 GHz         30 dB ± 0.5 dB, 2 GHz to 10 GHz       30 dB ± 0.5 dB, 2 GHz         9 wer handling (at 25 °C, sea level)       ≤ 20 W, derated linearity by 0.2 W/K         Mechanical data       ≥ 500         Coupling text forque       ≥ 500         Coupling text forque       ≥ 450 N         Center contact captivation       ≥ 28 N         Coupling text forque       0.7 Nm to 1.1 Nm         Recommended torque       0.7 Nm to 1.1 Nm         Environmental data       -65 °C to +125 °C         remperature range       -65 °C to +125 °C         RoHS       N/A         Standard       1 pce in air cushion bag         Weight       270 g/pce							ata	Electrical da
Attenuation       30 dB ± 0.4 dB, DC to 2 GHz 30 dB ± 0.5 dB, 2 GHz to 4 GHz 30 dB ± 1.75 dB, 4 GHz to 10 GHz         Power handling (at 25 °C, sea level)       ≤ 20 W, derated linearity by 0.2 W/K         Mating cycles       ≥ 500         Coupling nut retention       ≥ 450 N         Coupling the torque       ≤ 1.7 Nm         Recommended torque       0.7 Nm to 1.1 Nm         Environmental data       -65 °C to +125 °C compliant         Tooling       N/A         Suitable cables       N/A         Packing       1 pce in air cushion bag 270 g/pce         Weight       270 g/pce	3, DC to 2 GHz 3, 2 GHz to 5 GHz				DC to 1 ≥ 26.4 c ≥ 21.2 c	Impedance Frequency		
Mechanical data         Mating cycles       ≥ 500         Coupling nut retention       ≥ 450 N         Coupling test torque       ≥ 1.7 Nm         Recommended torque       0.7 Nm to 1.1 Nm         Environmental data       -65 °C to +125 °C         Temperature range       -65 °C to +125 °C         RoHS       N/A         Suitable cables       N/A         Suitable cables       N/A         Yeight       1 pce in air cushion bag         270 g/pce       270 g/pce	).5 dB, 2 GHz to 4 GHz				30 dB ±	Attenuation		
Mating cycles       ≥ 500         Coupling nut retention       ≥ 450 N         Center contact captivation       ≥ 28 N         Coupling test torque       ≤ 1.7 Nm         Recommended torque       0.7 Nm to 1.1 Nm         Environmental data       -65 °C to +125 °C         Temperature range       -65 °C to +125 °C         RoHS       compliant         Tooling       N/A         Suitable cables       N/A         Packing       1 pce in air cushion bag         Standard       1 pce in air cushion bag         Weight       270 g/pce	derated linearity by 0.2 W/K				$\leq$ 20 W,	Power handling (at 25 °C, sea level)		
Coupling nut retention       ≥ 450 N         Center contact captivation       ≥ 28 N         Coupling test torque       ≤ 1.7 Nm         Recommended torque       0.7 Nm to 1.1 Nm         Environmental data       -65 °C to +125 °C         Temperature range       -65 °C to +125 °C         RoHS       N/A         Suitable cables       N/A         Suitable cables       N/A         Standard       1 pce in air cushion bag         270 g/pce       270 g/pce					<b>• • • • • • • • • •</b>		data	
Center contact captivation       ≥ 28 N         Coupling test torque       ≤ 1.7 Nm         Recommended torque       0.7 Nm to 1.1 Nm         Environmental data       -65 °C to +125 °C         Temperature range       -65 °C to +125 °C         RoHS       .         Tooling       N/A         Suitable cables       N/A         Packing       1 pce in air cushion bag         Standard       1 pce in air cushion bag         Weight       270 g/pce					• •			
Recommended torque       0.7 Nm to 1.1 Nm         Environmental data       -65 °C to +125 °C compliant         Temperature range RoHS       -65 °C to +125 °C compliant         Tooling       N/A         Suitable cables       N/A         Packing       1 pce in air cushion bag         Standard       1 pce in air cushion bag         Weight       270 g/pce					≥ 28 N	Center contact captivation		
Temperature range RoHS       -65 °C to +125 °C compliant         Tooling       N/A         Suitable cables       N/A         Packing       1 pce in air cushion bag         Standard       1 pce in air cushion bag         Weight       270 g/pce         While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or w part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Rev. Engineering change number       Name			Nm					
RoHS       compliant         Tooling       N/A         Suitable cables       N/A         Packing       N/A         Standard       1 pce in air cushion bag         Weight       270 g/pce						l		
N/A         Suitable cables         N/A         Packing         Standard         Standard         Yeight         1 pce in air cushion bag         270 g/pce								
Suitable cables       N/A         Packing       1 pce in air cushion bag         Standard       270 g/pce         Weight       270 g/pce								Tooling
N/A         Packing         Standard       1 pce in air cushion bag         Weight       270 g/pce					N/A			
Standard       1 pce in air cushion bag         Weight       270 g/pce         While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or we part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Rev.       Engineering change number       Name					N/A		oles	Suitable cat
Weight       270 g/pce         While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or we part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Rev.       Engineering change number       Name			shion baq	air cus	1 pce in			
part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Approved       Date       Rev.       Engineering change number       Name								
part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Approved       Date       Rev.       Engineering change number       Name								
part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Approved       Date       Rev.       Engineering change number       Name								
part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Approved       Date       Rev.       Engineering change number       Name								
part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Approved       Date       Rev.       Engineering change number       Name								
part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve we reserve the right to make changes judged to be necessary.         Draft       Date       Approved       Date       Rev.       Engineering change number       Name								
	Irranty on our our products,	esentation or warran fort to improve our p	edge, nothing is intended as repr fringe existing patents. In the e	ur knowle tion to in	recommenda	n shall be construed as	ment herein	part and no state
	Date	Name	Engineering change number	Rev.	Date	Approved	Date	Draft
دerstin Herzog   15.08.05   Markus Muller   20.07.18     c00   18-1027   Marion Strieg		Marion Striegler	18-1027	c00	20.07.18		05.08.05	Kerstin Herzog
Rosenberger Hochfrequenztechnik GmbH & Co. KG	Page		10.0001.10.0	· 	II	ztechnik GmbH & Co	chfrequenzt	
P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de	2/2			-			D-84526 T	.O.Box 1260

RF\_35/09.14/6.2