

Aurora uses a chip-antenna soldered to the printed wiring board. The specifications of the antenna are as follows:

Spezifikation für Freigabe / specification for release											
Kunde / customer :											
Artikelnummer / part number :		7488910245		LF							
Bezeichnung :		SMD Antenne WE-MCA		<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 10px;"> Pb FREE <small>WÜRTH ELEKTRONIK</small> RoHS compliant </div> <div style="text-align: center;"> WE <small>WÜRTH ELEKTRONIK</small> </div> </div>							
description :		Chip-Antenne WE-MCA									
DATUM / DATE : 2004-10-11											
A Mechanische Abmessungen / dimensions:			size								
			9,5 x 2								
			A	9,5 ± 0,2	mm						
			B	2,0 ± 0,2	mm						
			C	1,2 +0,1/- 0,2	mm						
			D	0,5 ± 0,3	mm						
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">①</td> <td style="width: 85%;">Feeding Point</td> <td style="width: 10%;"></td> </tr> <tr> <td style="text-align: center;">②</td> <td>NC</td> <td></td> </tr> </table>			①	Feeding Point		②	NC	
①	Feeding Point										
②	NC										
B Elektrische Eigenschaften / electrical properties:			C Abbildung/ apperance:								
Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.						
Frequenzbereich / frequency range		f	2400 ... 2500	MHz							
VSWR			2,0		max.						
Impedanz / impedance		Z	50	Ω							
Antennengewinn / peak gain	(XZ-V)	A	3,0	dBi	typ.						
Antennengewinn / average gain	(XZ-V)	A	1,0	dBi	typ.						

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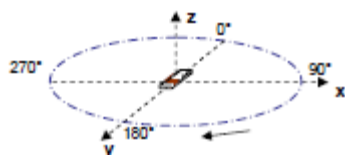
LF



Bezeichnung : SMD Antenne WE-MCA

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L Richtdiagramme / radiation patterns:

XY-cut scanning direction

XY cut @ 2.45 GHz
— Vertical
— Horizontal

