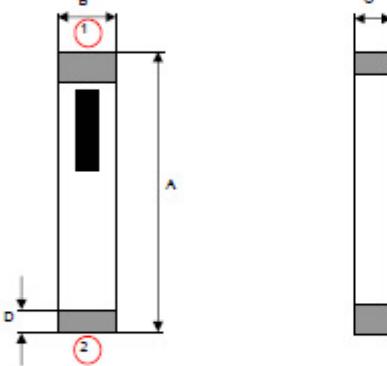


Aurora uses a chip-antenna soldered to the printed wiring board. The specifications of the antenna are as follows:

Spezifikation für Freigabe / specification for release																							
Kunde / customer :			LEAD FREE WÜRTH ELEKTRONIK																				
Artikelnummer / part number :	7488910245		LF	RoHS compliant																			
Bezeichnung : description :	SMD Antenne WE-MCA Chip-Antenna WE-MCA		WÜRTH ELEKTRONIK																				
DATUM / DATE : 2004-10-11																							
A Mechanische Abmessungen / dimensions:			size	9,5 x 2																			
			<table border="1"> <tr> <td>A</td> <td>9,5 ± 0,2</td> <td>mm</td> </tr> <tr> <td>B</td> <td>2,0 ± 0,2</td> <td>mm</td> </tr> <tr> <td>C</td> <td>1,2 +0,1/- 0,2</td> <td>mm</td> </tr> <tr> <td>D</td> <td>0,5 ± 0,3</td> <td>mm</td> </tr> </table>	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"> <tr> <td>(1)</td> <td>Feeding Point</td> <td></td> </tr> <tr> <td>(2)</td> <td>NC</td> <td></td> </tr> </table>		(1)	Feeding Point		(2)	NC	
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																					
(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 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.																		

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : 7488910245

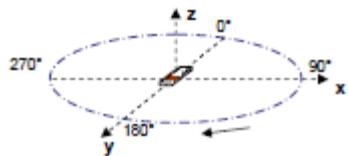
LF

Bezeichnung : SMD Antenne WE-MCA
description : Chip-Antenna WE-MCA

RoHS compliant



DATUM / DATE : 2004-10-11

L Richtdiagramme / radiation patterns:

XY cut @ 2.45 GHz
— Vertical
— Horizontal

XY-cut scanning direction

