

Wide Band High Power Diplexer

Product Name : RDX05-18N22-36A

Doc. Name : General Spec.

<p style="text-align: center;">General Specification for RDX05-18N22-36A</p>
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2013/11/19			A	RFcore co.,Ltd
File : RDX05-18N22-36A General Spec.docx				

The Specifications is subject to change before finalization

Customer Service: Tel. 82-31-708-7575

Email: sales@rfcore.com

<http://www.rfcore.com>

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ELECTRICAL SPECIFICATIONS

Parameter	Specification	Remark
Bandwidth	LF Port : 500 ~ 1800 MHz HF Port : 2200 ~ 3600 MHz	
Maximum Working Load VSWR	4.0 : 1	
Insertion Loss	0.7 dB typ. 1.0 dB max. @ 500 ~ 1800 MHz 0.8 dB typ. 1.0 dB max. @ 2200 ~ 3600 MHz	
Input VSWR	2.3 : 1 max.	
Output VSWR	2.3 : 1 max.	
Minimum Isolation Between Input port	13 dB min.	@ 1800 MHz and 2200 MHz
Power Handling Capability for each port	50 W	

ENVIRONMENTAL SPECIFICATIONS

Parameter	Specification	Remark
Operating Case Temperature	-20 ~ 70 °C	
Storage Temperature	-40 ~ 90 °C	

MECHANICAL SPECIFICATIONS

Parameter	Specification	Remark
Dimension	95 x 50 x 17 mm	w/o Connector Extension
RF Connector	SMA – Female	
Weight	Less than 200g	

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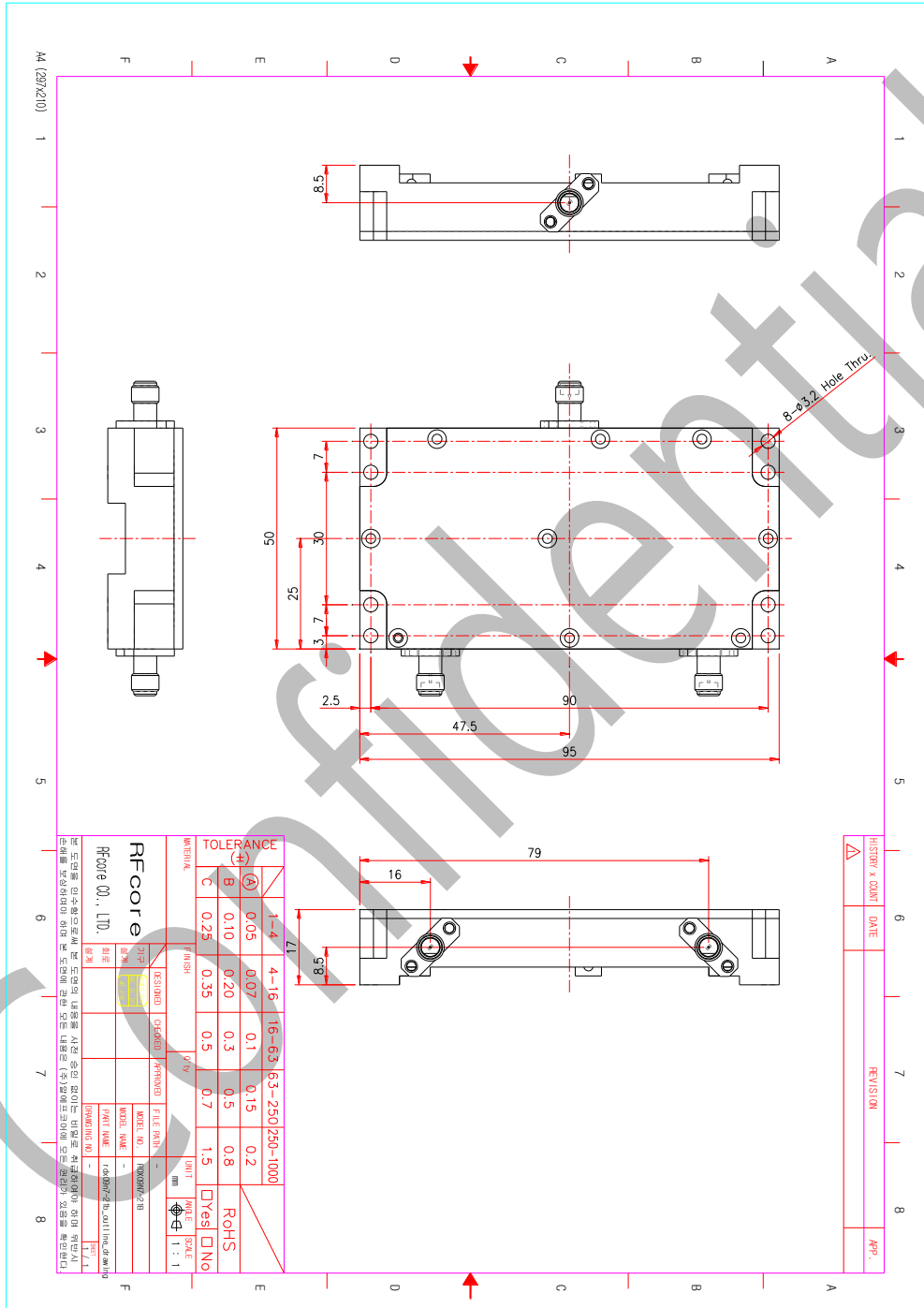
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Mechanical Drawing



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