

DATASHEET

PRODUCT NAME	DIELECTRIC DUPLEXER
PART NO.	SD-5250P3-P4A
SPEC. NO.	SD-5250P3-P4A_Rev1
DATE	14-June-2018

APPROVAL		
PREPARE	CHECK	APPROVAL
DATE:		



SAWNICS INC.

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MODEL	UNII-CU	DATE	2018. 06. 14	PAGE	2 / 4

History

Version	Date	Description	Prepared	Checked	Approved
V0	2018. 05.25	- Issued Preliminary Datasheet	김영호	김남준	김성욱
V1	2018. 06.14	- Add Plot data & Update Spec	김영호	김남준	김성욱

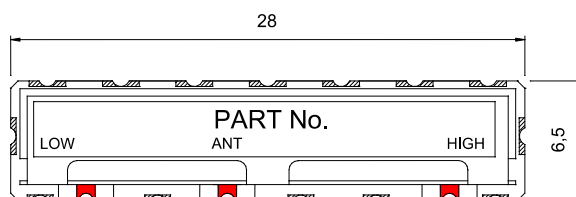
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1. SPECIFICATIONS

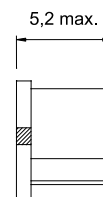
ELECTRICAL CHARACTERISTICS			
ITEM	UNIT	SPECIFICATIONS	
Center Frequency (= Fc)	MHz	5250.0 (Low)	5665.0 (High)
Pass Bandwidth (= BW)	MHz	Fo ± 90	Fo ± 185
Insertion Loss @ BW	dB	2.0 max.	2.5 max.
Ripple @ in 5MHz	dB	0.5 max.	0.5 max.
Return Loss @ BW	dB	12 min	12 min
Stop Band Attenuation	dB	40 min. @ 0.3~2700 MHz 40 min. @ 5480~5850 MHz	40 min. @ 0.3~2700 MHz 60 min. @ 5160~5340 MHz
Isolation (Tx-Rx)	dB	60 min.@ 5160~5340MHz 40 min.@ 5480~5850MHz	
In, Output Impedance	Ω	50	
Input Power	W	1max	
Operation Temperature Range	°C	-30 ~ +85	

2. DIMENSIONS

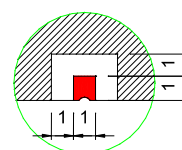
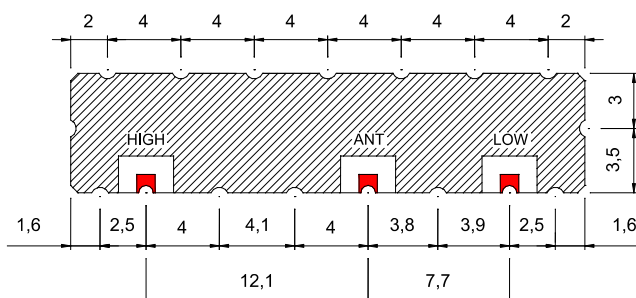
● CU - TOP VIEW



● CU - SIDE VIEW



● CU - BOTTOM VIEW



OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm

■ : I/O PORT
▨ : GROUND

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3. Plot Data

