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ELECTRICAL DATA

FREQUENCY RANGE	2~8 GHz
IMPEDANCE:	50 Ω
VSWR	≤ 1.25
INSERTION LOSS	≤ 0.5 dB (Excluding Coupling Loss 1.26dB)
COUPLING SENSITIVITY	≤ ± 0.5 dB
COUPLING FACTOR	6 dB ± 0.7 dB
DIRECTIVITY	≥ 20 dB
POWER Handling	Incident: 50W MAX. Reflected: 2.0W MAX.

MATERIAL AND FINISH

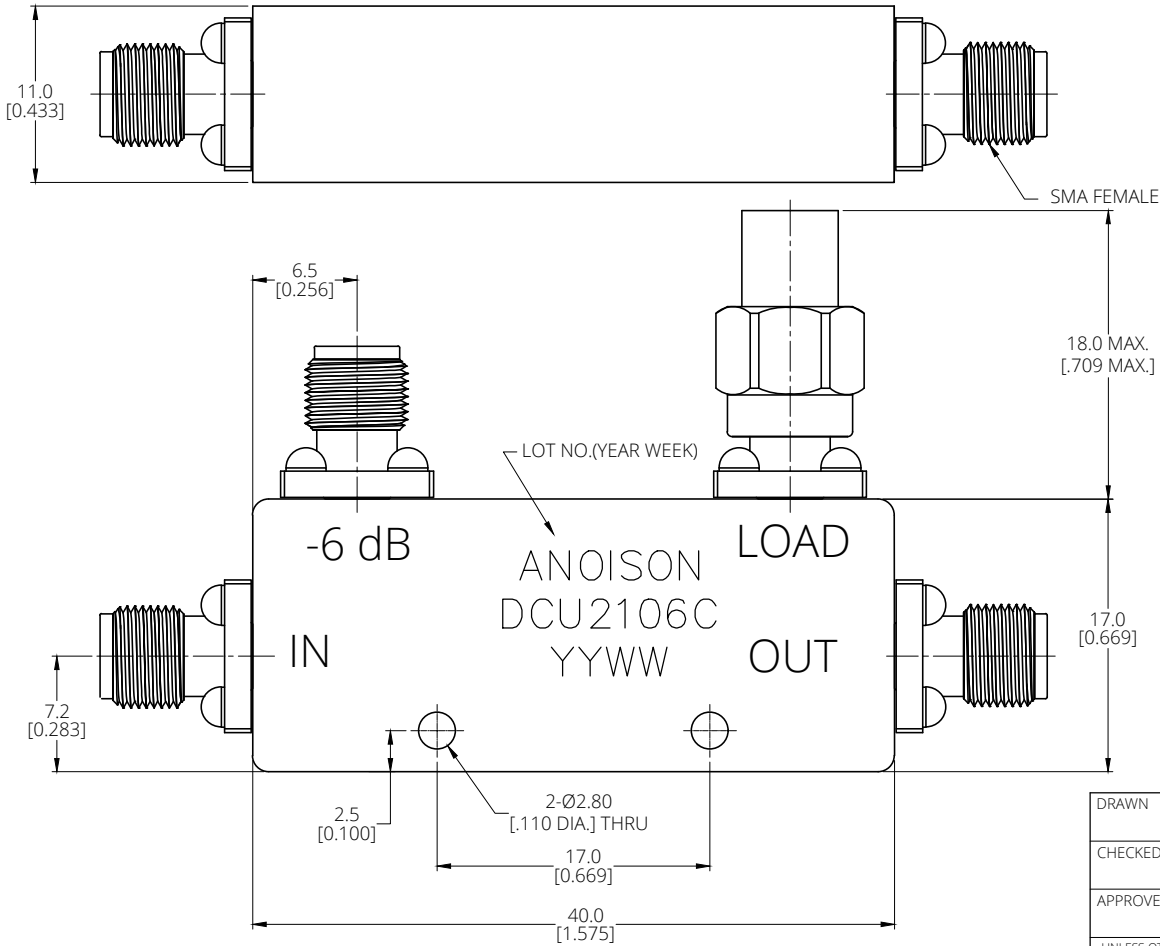
CONNECTOR(SMA FEMALE)	STAINLESS STEEL
HOUSING	6061 ALUMINUM ALLOY, PAINTED BLACK

ENVIRONMENTAL DATA

TEMPERATURE RANGE	-30°C TO +70°C
RoHS COMPLIANT	2011/65/EU(RoHS) AND 2015/863/(RoHS)
REACH COMPLIANT	1907/2006/EC(REACH)
NET WEIGHT	0.035 Kg

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/27/25	J. Q



DRAWN	Y. H	DATE	08/27/25
CHECKED	L. Y	DATE	08/27/25
APPROVED	J. Q	DATE	08/27/25
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, DIMENSIONS IN [] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:		THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ANOISON ELECTRONICS LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION COPYRIGHT © 2025 ANOISON ELECTRONICS LTD	
	JXX	±0.13 [.005"]	
	X	±0.30 [.118"]	
	X	±0.50 [.019"]	
	X°	±1°	
	X°	±2°	



TITLE
2-8GHz SMA 6 dB DIRECTIONAL COUPLER

VIEW	PART NO. DCU2106B			
 	SIZE A3	SCALE 3:1	SHEET 1/1	REV. A

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