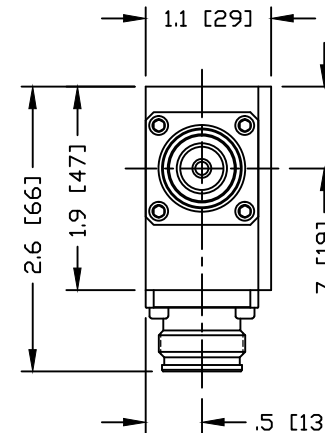
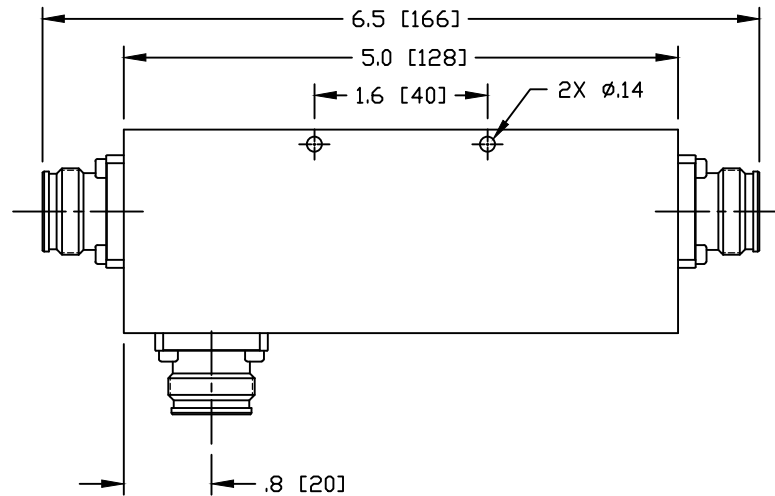


PART NO.

RFDC-6DBC-43F

REV	DESCRIPTION	DWN	DATE	APPROVED
A	UPDATED MOUNTING DESIGN AND DIMENSION THROUGHOUT	CZS	08/08/19	JDMc

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms
 OPERATION FREQUENCY BAND: 698–2700 MHz
 COUPLING: –6dB
 COUPLING TOLERANCE: $\pm 0.8\text{dB}$
 INSERTION LOSS: $\leq 1.75\text{dB}$
 ISOLATION: $\geq 26\text{dB}$
 VSWR: ≤ 1.25
 3RD INTERMODULATION: $\leq -155\text{ dBc}$ (RELATIVE TO CARRIER)
 3RD INTERMODULATION TEST METHOD: 2x43dBm CARRIERS
 AVERAGE POWER: 300 WATT
 INNER CONTACT PLATING: SILVER
 OUTER PLATING: WHITE BRONZE
 OPERATION TEMPERATURE: $-35^{\circ}\text{C} \sim +65^{\circ}\text{C}$
 APPLICATION: INDOOR/OUTDOOR
 REGULATORY COMPLIANCE/CERTIFICATIONS: RoHS/IP65

CUSTOMER
OUTLINE DRAWINGALL DIMENSIONS
ARE REFERENCE ONLYUNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
AND [MILLIMETERS]

DRAWN	
C. ZUNIGA	08/08/19
CHECKED	
ORJ DRAWN	
C. ZUNIGA	06/06/16

RoHS
COMPLIANT

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6 dB DIRECTIONAL COUPLER
4.3-10 FEMALE - 698-2700 MHz

SIZE	CABLE GROUP	DWG NO.	REVISION
A		RFDC-6DBC-43F	A
SCALE:	ENGINEERING ID:	SHEET 1 OF 1	
NTS	000000		