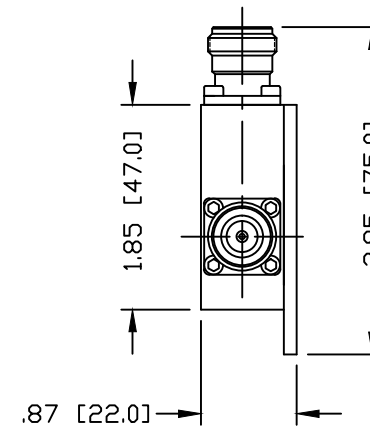
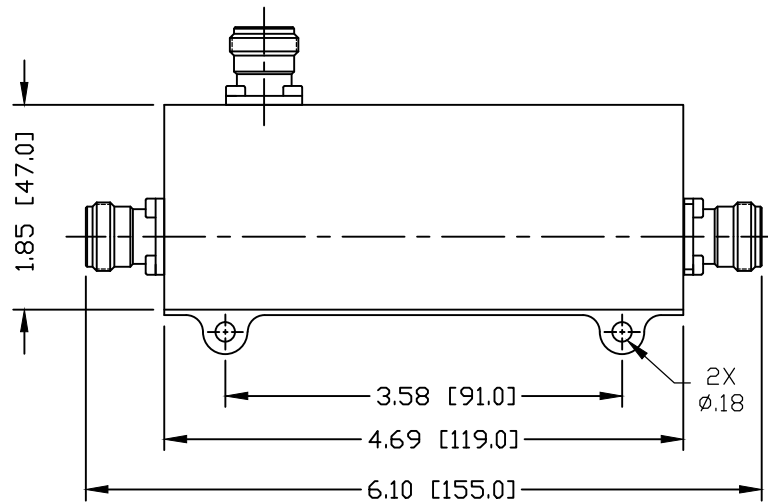


PART NO.

RFDC-7DBC-NF

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	09/09/16	JDMc

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms
 OPERATION FREQUENCY BAND: 698–2700 MHz
 3RD INTERMODULATION: ≤ -155 dBc (RELATIVE TO CARRIER)
 3RD INTERMODULATION TEST METHOD: 2x43dBm CARRIERS
 AVERAGE POWER: 200 WATT
 INSERTION LOSS: ≤ 1.4 dB @ 698–2700MHz
 PEAK POWER: 1 Kw
 COUPLING: -7dB
 COUPLING TOLERANCE: ± 0.8 dB
 ISOLATION: ≥ 27 dB @ 698–2700MHz
 VSWR: ≤ 1.20
 INNER CONTACT PLATING: SILVER
 OUTER PLATING: WHITE BRONZE
 OPERATION TEMPERATURE: $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$
 RELATIVE HUMIDITY: UP TO 100%
 APPLICATION: INDOOR/OUTDOOR
 REGULATORY COMPLIANCE/CERTIFICATIONS: RoHS/IP67

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

DRAWN C. ZUNIGA	09/09/16
CHECKED	
ORJ DRAWN C. ZUNIGA	09/09/16

RoHS
COMPLIANT

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 SAN DIEGO, CA 92126
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 DIVISION OF RF INDUSTRIES, LTD. (858) 549-6345 FAX

7 dB DIRECTIONAL COUPLER
N FEMALE - 698-2700 MHz

SIZE	CABLE GROUP	DWG NO.	REV
A		RFDC-7DBC-NF	—
SCALE: NTS	ENGINEERING ID: 000000	SHEET 1 OF 1	