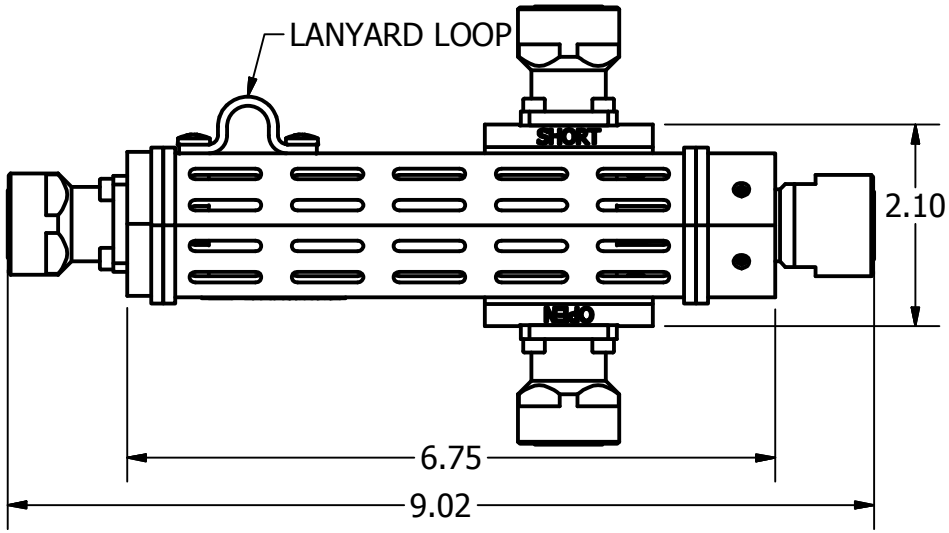
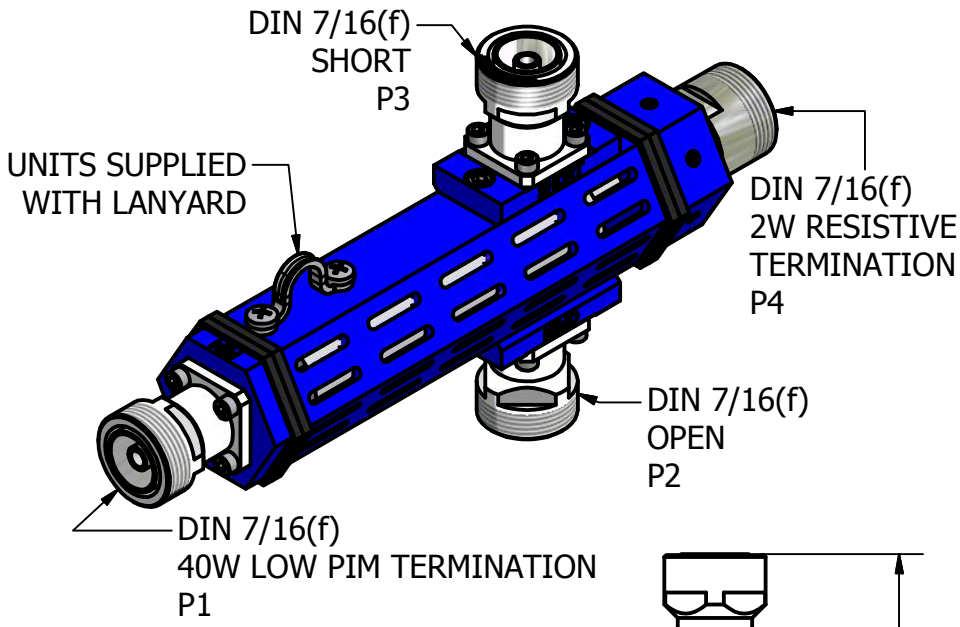




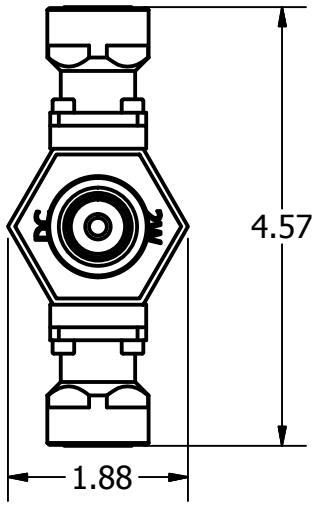
SPECIFICATIONS

LOW PIM TERMINATION	
FREQUENCY:	300 - 6000 MHz
RETURN LOSS:	11 dB MAX 300-698 MHz
	17 db MAX 698-900 MHz
	20 dB MAX 900-2700 MHz
	19 dB MAX 2700-3500 MHz
	16 dB MAX 3500-4200 MHz
	14 dB MAX 4200-6000 MHz
PIM:	-160 dB
POWER:	40 W AVG.
CONNECTOR:	DIN 7/16 JACK
FINISH:	BLUE ANODIZED
WEIGHT:	1.7 lbs

2W RESISTIVE TERMINATION	
FREQUENCY:	DC-6000 MHz
IMPEDANCE:	50 OHMS
VSWR:	1.07:1 MAX. DC-2700 MHz
	1.08:1 MAX 2700-4200 MHz
	1.12:1 MAX. 4200-5000 MHz
	1.2:1 MAX. 5000-6000 MHz
POWER:	2 W @25 DEG C

SHORT			
FREQUENCY	300-2700	2700-3500	3500-6000
ED:	255.9 pS	255.9 pS	255.9 pS
PHASE:	180 ± 4 DEG.	180 ± 6 DEG.	180 ± 10 DEG.
r:	± 0.1 dB	± 0.15 dB	± 0.2 dB

OPEN			
ED:	260.9 pS	260.9 pS	260.9 pS
PHASE:	0 ± 6 DEG.	0 ± 7 DEG.	0 ± 8 DEG.
r:	± 0.1 dB	± 0.15 dB	± 0.2 dB



DRAWN F Landeros 6/23/2026

DWG NO CK-A09DF-OLrev2

UNLESS OTHERWISE SPECIFIED:
ALL UNITS ARE IN inches [mm]
TOLERANCE:
X.XX ±0.01
X.XXX ±0.005

Made in USA
Designed, Assembled, Tested

RDmicrowaves

TITLE
DIN 7/16 FEMALE OPEN SHORT 2 WATT LOAD WITH 40W LOW PIM LOAD

SIZE	MODEL NO	REV
A	CK-A09DF	2

SCALE	PROPERTY OF	SHEET
1 : 2	R&D MICROWAVES LLC	1 OF 1