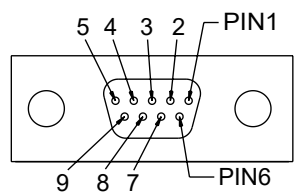
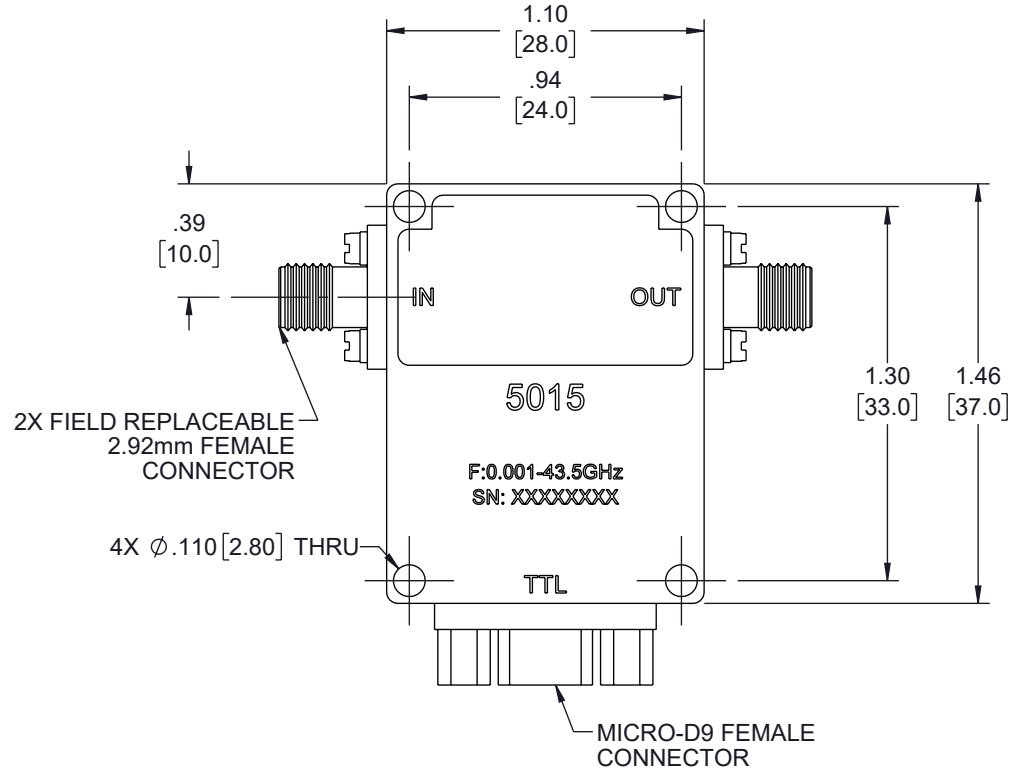
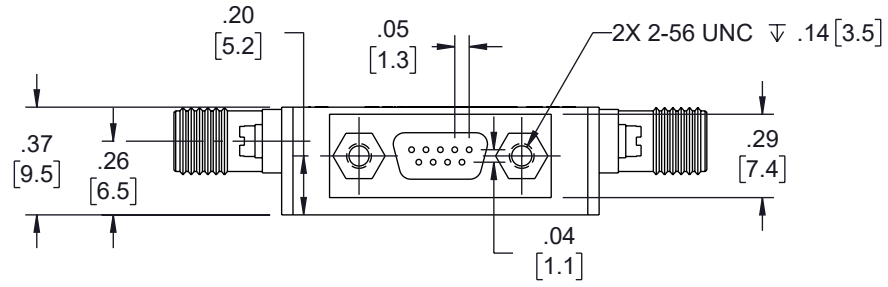


REVISION					
ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	02/02/2023	HBAKKE	TGALLA

TRUTH TABLE						
TTL CONTROL VOLTAGE						LOW (0)=0~0.8V
						HIGH (1)=2.8~5V
CONTROL VOLTAGE INPUT						ATTENUATION STATE
C6	C5	C4	C3	C2	C1	REFERENCE IL
1	1	1	1	1	1	0.5dB
1	1	1	1	1	0	1dB
1	1	1	1	0	1	2dB
1	1	1	0	1	1	4dB
1	0	1	1	1	1	8dB
0	1	1	1	1	1	16dB
0	0	0	0	0	0	31.5dB



1 2 3 4 5 6 7 8 9
 +5V GND C1 C2 C3 C4 C5 C6 NC
MICRO-D9(Female)



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 .X = ±.2 [5] FRACTIONS
 .XX = ±.02 [.5] ± 1/32
 .XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:
 >12 [305] = +1 [25] / -0
 >12 [305] ≤ 60 [1524] = +2 [51] / -0
 >60 [1524] ≤ 120 [3048] = +4 [102] / -0
 >120 [3048] ≤ 300 [7620] = +6 [152] / -0
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

Fairview Microwave
 an INFINIT® brand

Website: www.FairviewMicrowave.com
 Phone: 1.800.715.4396 | 1.972.649.6678

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION			
6 Bit TTL Controlled Absorptive Programmable Attenuator, 31.5 dB, 1 MHz to 43.5 GHz, 0.5 dB Step Size, 2.92mm			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	HBAKKE	FMAT5015
REV			A

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.