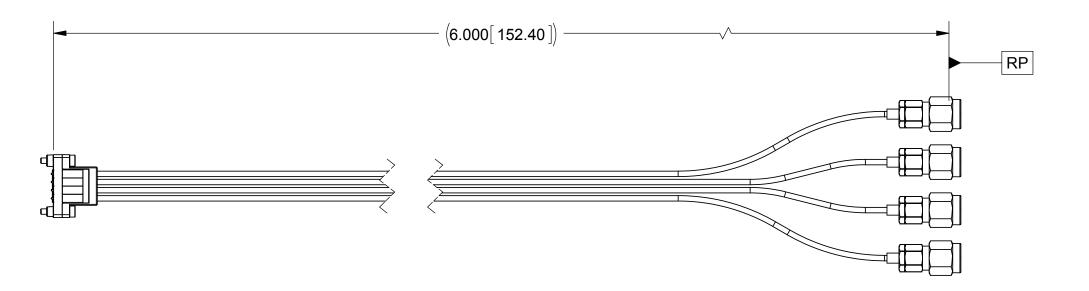
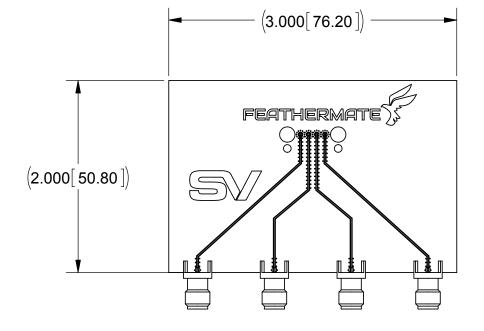
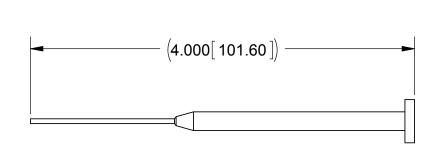
	REVISION HISTORY				
REV DESCRIPTION			APPROVED		
- DCN 42531		07/16	DAL		







NOTES:

APPROVED:

- 1. REFER TO INDIVIDUAL DATA DRAWINGS FOR MATERIAL, FINISH AND PERFORMANCE INFORMATION.
- 2. PERFORMANCE PLOTS AND FILES ON USB DRIVE.

DAL 06/07/16

THIS EVALUATION KIT INCLUDES:

QTY	P/N	DESCRIPTION
1	7080-0622	FEATHERMATE TO SVK PLUG
4	1521-60086	SVK PLUG (ON PCB)
1	SV-FM-EVAL.01	PCB
1	7043A13	HEX TOOL
1		USB DRIVE

MATERIAL: SEE NOTES		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0′	UNLESS OTHERWISE SPECIFIED 1) ALL DIMENSIONS ARE IN INCHES [MILLIMETERS] 2) ALL DIMENSIONS ARE AFTER PLATING. 3) BREAK CORNERS & EDGES .005 R. MAX. 4) CHAM. 1ST & LAST THREADS.	
FINISH: SEE NOTES		DECIMAL: .X ±.030 .XX ±.010		
SURFACE AREA: N/A		.XXX ±.005 5; SURFACE ROUGHNESS 63.MIL-STD-10. 6) DIA: SO NO COMMON CENTERS TO BE CONC WITHIN .005 T.I.R. 105		eMIL-STD-10.
	PROPRIETARY	PER ASME Y14.5M - 1994	T/TEMOVE/TEE BOTTIO	
	TION CONTAINED IN THIS DRAWING PROPERTY OF SV MICROWAVE. INC.	THIRD ANGLE PROJECTION	DRAWN:	GPF 06/07/16
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.			CHECKED:	DAL 06/07/16
			APPROVED:	DAL 06/07/16



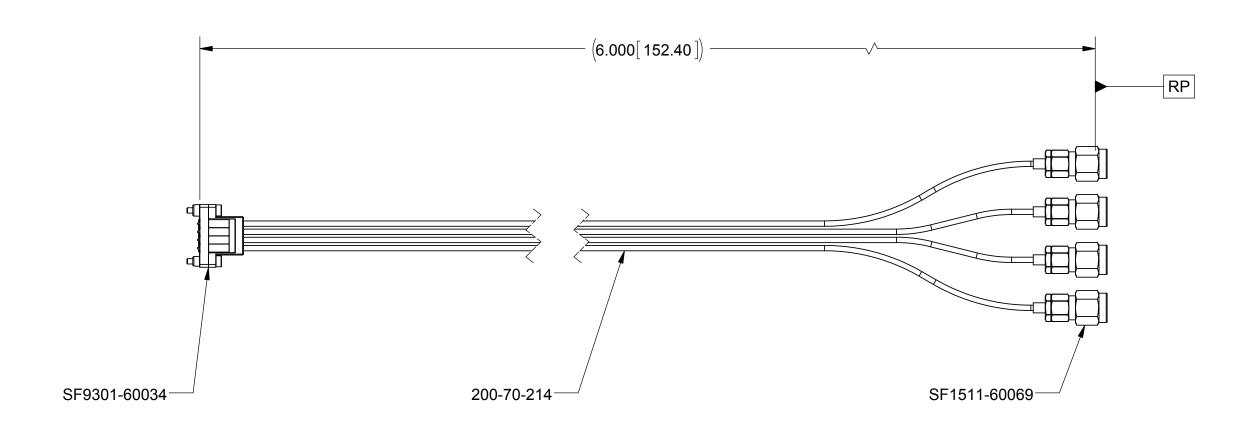
FEATHERMATE Mk.IV **EVALUATION KIT**

-	95077	DWG.	Mk.l	V - E	EVALKIT
S	CALE: 1:1				SHEET 1 OF 3

ROHS COMPLIANT

PRODUCT DATA DRAWING

	REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED	
SEE SHEET 1				



7080-0622

MATERIALS:

CONNECTORS: (SVK STRAIGHT PLUG) 4X SF1511-60069

(FEATHERMATE Mk.V) SF9301-60034

CABLE: (STANDARD FLEXTRA CABLE) 200-70-214

PERFORMANCE:

FREQ. RANGE: DC TO 40.0 GHz

VSWR: 1.50:1 MAX. DC TO 40.0 GHz **INSERTION LOSS:** 1.0 dB MAX AT 40.0 GHz

DELAY MATCH (SET): ±1 ps

SEE NOTES
SEE NOTES
A: N/A
PROPRIETARY
ON CONTAINED IN THIS DRAW OPERTY OF SV MICROWAVE, I CTION IN PART OR AS A WHOLE VRITTEN PERMISSION OF ;, INC IS PROHIBITED.

DIMENSIONS ARE IN INCHES TOLERANCES:
FRACTIONAL: ±1/64 ANGULAR: X° ±1°0 X°X' +15'
DECIMAL: .X ±.030 .XX +.010
.XXX ±.005

1) ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]
2) ALL DIMENSIONS ARE AFTER PLATING.
3) BREAK CORNERS & EDGES 005 R. MAX.
4) CHAM. 1ST & LAST THREADS.
5) SURFACE ROUGHNESS 63.4ML-STD-10.
6) DIA'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN. 005 T.I.R.
7) REMOVE ALL BURRS INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994 THIRD

D ANGLE PROJECTION	DRAWN:	GPF 06/07/16
	CHECKED:	DAL 06/07/16
	APPROVED:	DAL 06/07/16

UNLESS OTHERWISE SPECIFIED



TITLE:

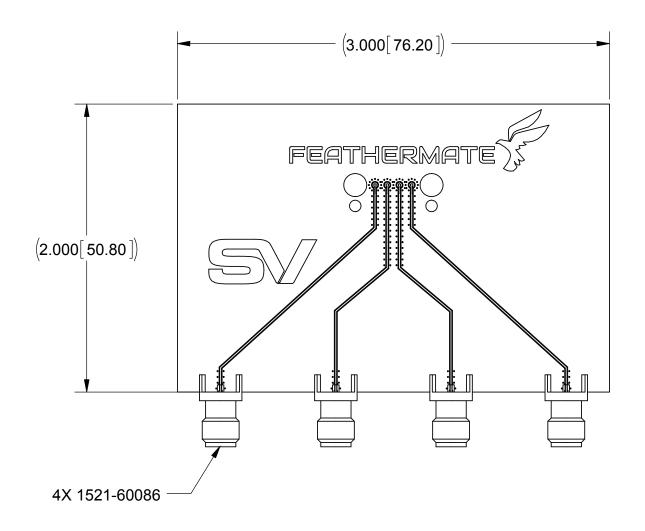
FEATHERMATE Mk.IV **EVALUATION KIT**

SIZE | CAGE CODE | DWG. | **B** | **95077** | FM Mk.IV - EVALKIT SCALE: 1:1

ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV DESCRIPTION		DATE	APPROVED
SEE SHEET 1			



PCB CHARACTERISTICS:

PCB CORE 1: .010" ROGERS 3203 LAYER 1 THICKNESS: 1 OZ FINISHED

PCB CORE 2: .010" PREPREG DK= 3-4

LAYER 2 THICKNESS: 1/2 OZ

PCB CORE 3: BALANCE TO ACHEIVE .048±.005" FR04

LAYER 3 THICKNESS: 1/2 OZ LAYER 4 THICKNESS: 1/2 OZ

MATERIAL: SEE NOTES
FINISH: SEE NOTES
SURFACE AREA: N/A
PROPRIETARY
THE INFORMATION CONTAINED IN THIS DRAW IS THE SOLE PROPERTY OF SV MICROWAVE, ANY REPRODUCTION IN PART OR AS A WHOL WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.

NOTES	DIMENSIONS ARE IN INCHES TOLERANCES	
	FRACTIONAL: ±1/64 ANGULAR: X° ±1°	
NOTES	X°X' ±15 DECIMAL: .X ±.030 .XX +.010	
	.XXX ±.005	
	INTERPRET DIMENSIONS AND TOLERANCE	
ARY	PER ASME Y14.5M - 1994	
IED IN THIS DRAWING	THIRD ANGLE PROJECTION	

±1°0' ±15'	2) ALL DIMENSIONS AF 3) BREAK CORNERS & 4) CHAM. 1ST & LAST T 5) SURFACE ROUGHN	EDGES .005 R. MAX. THREADS. ESS 63₅MIL-STD-10. CENTERS TO BE CONCENTRIC
NC	DRAWN:	GPF 06/07/16

UNLESS OTHERWISE SPECIFIED

7) REMOVE ALL BURRS		
DRAWN:	GPF 06/07/16	SIZE
CHECKED:	DAL 06/07/16	B
APPROVED:	DAL 06/07/16	S



FEATHERMATE Mk.IV EVALUATION KIT

| SIZE | CAGE CODE | DWG. NO. | | B | 95077 | FM Mk.IV - EVALKIT | | SCALE: 1:1 | SHEET 3 OF 3

Mouser Electronics

Authorized Distributor

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Amphenol: FM-EVALKIT