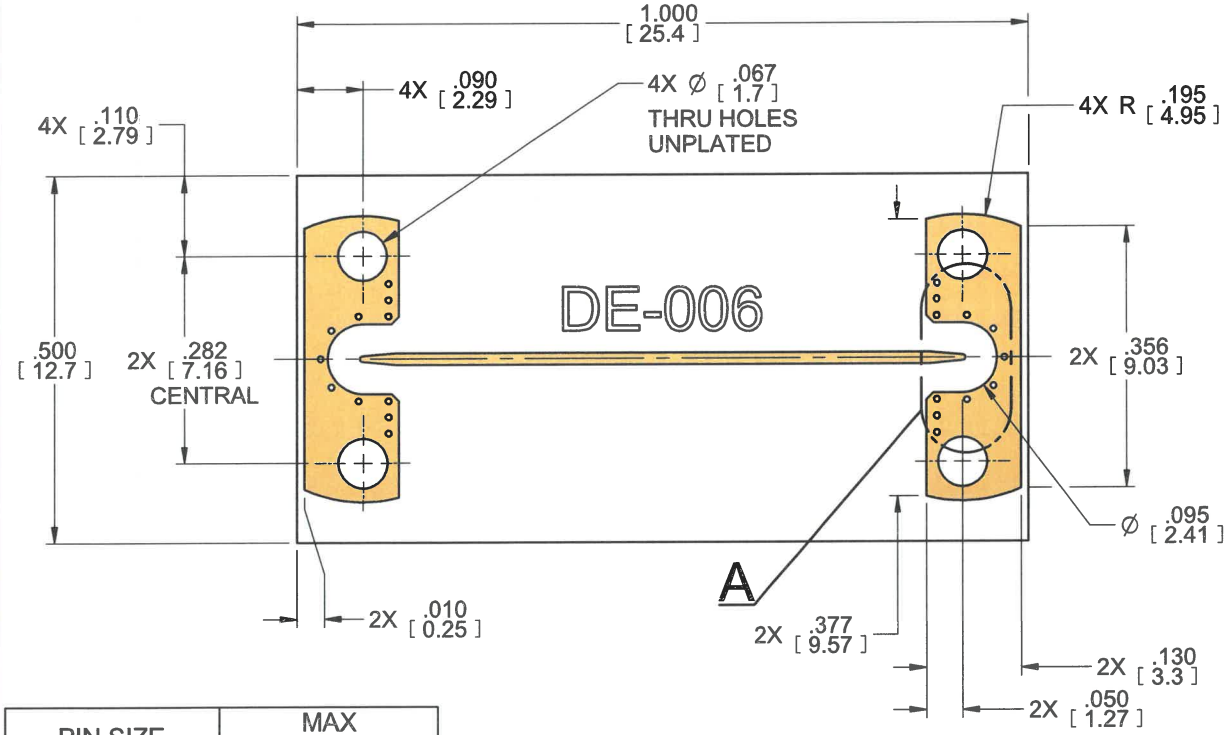
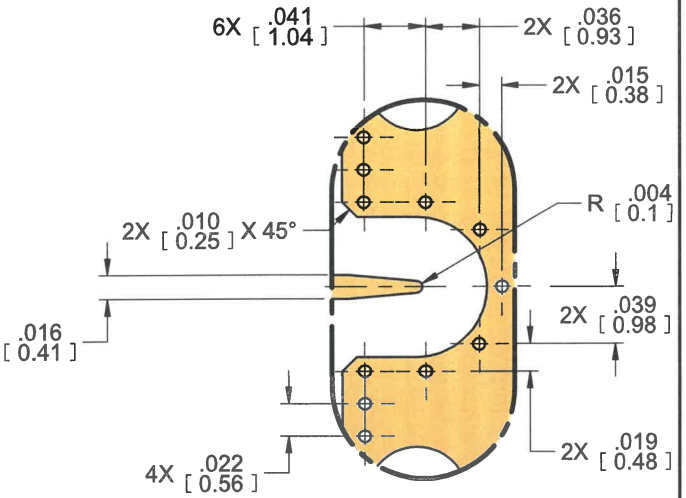
MODEL No.:

B4003-8VM-40





DETAIL A

PIN SIZE	MAX FREQUENCY
.009 / .005	40 GHz

DIELECTRIC INFORMATION:

h = [.005"] DIELECTRIC THICKNESS

E = [3.00] DIELECTRIC CONSTANT

MATERIAL: RO4003™

LAYER STACK-UP

	← AIR ABOVE RF TRACE
LAYER 1 PRIMARY (TOP) SIDE	← .002" 1/2 oz Cu CONDUCTOR
	← .008" ROGERS RO4003 CORE
LAYER 2 GROUND PLANE	← .002" 1/2 oz Cu CONDUCTOR

2. THIS TRANSITION IS OPTIMIZED TO HAVE THE END LAUNCH CONNECTOR ELECTRICALLY CONNECTED TO LAYER 1 (TOP) AND LAYER 2 (GROUND). THE ELECTRICAL PERFORMANCE WILL SIGNIFICANTLY REDUCE IF ADDITIONAL SUBSTRATE AND CONDUCTOR LAYERS ARE PLACED BETWEEN LAYER 2 AND THE END LAUNCH CONNECTOR, EVEN IF PLATED.

1. ALL DIMENSIONS ARE IN INCHES. ALL ANGLES ARE IN DEGREES. DIMENSIONS SHOWN IN BRACKETS [XXX] ARE IN MILLIMETERS.

NOTES: UNLESS OTHERWISE SPECIFIED.

REV		APRVD.	DATE:
A	RELEASE	DE	2/20/20

SOUTHWEST MICROWAVE
Southwest Microwave, Inc.
9055 South McKemy Street
Tempe, Arizona 85284-2946
Telephone (480) 783-0201
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TITLE

B4003-8VM-40 (DE-006) TEST BOARD 8MIL 4003 VL MICR

DRN BY:	DATE:	DWG. NO.	REV.
JAC	02/19/20	79Y69109	A
SCALE: 4:1			
SHEET: 1 OF 1			