



NOTES:
 High frequency performance is dependent on proper RF connector assembly. The following factors must be controlled for optimum performance:

- 1.The connector should fit tightly against the circuit board edge, avoid gaps.
- 2.The center contact pin must lie parallel and flat against the circuit board, avoid gaps.
- 3.The contact pin should be centered on the circuit board signal trace.
- 4.Use a minimal amount of solder between the contact pin and signal trace. Do not allow excess solder to build up or flow down the trace.
- 5.Clean all excess flux and other residue from launch area, especially between the trace and ground.
- 6.Use PRT-28605 PCB.
- 7.Caution: Contains parts and assemblies susceptible to damage by electrostatic discharge (ESD)
- 8.All transmission lines are:
 15.5 MIL WIDTH, 10MIL GAPS, 10 MIL CORE DIELECTRIC
 ROGERS 4003 ON TOP LAYER AND FR4 ON INNER AND BOTTOM LAYERS.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN mm/[Inches] TOLERANCES ARE: X.X = ±2.5/(.1) X.XX = ±.25/(0.1) X.XXX = ±.127/(0.005) X.XXXX = ±.0127/(0.0005)		9380 Carroll Park Drive San Diego, CA 92121	
SCHEMATIC, PE42540 EVK			
DO NOT SCALE DRAWING		SIZE B	DWG NO. DOC-32927
DRAWN R.Marroquin	DATE 04/11/16	SCALE NONE	DATE Monday, April 11, 2016
ENGINEER T.Ogundare	DATE 04/11/16	REV 06 Sheet 1 of 2	

