

REPLACEMENT PART REFERENCE GUIDE, ZN4PD1-63W-S+ AN-10-009

ORIGINAL PART: ZN4PD1-63W-S+

REPLACEMENT PART: ZN4PD1-63HP-S+

Replacement Part has been judged by Mini-Circuits Engineering as a suitable replacement to Original Part.

MECHANICAL DIMENSIONS

ORIGINAL PART: ZN4PD1-63W-S+

REPLACEMENT PART: ZN4PD1-63HP-S+

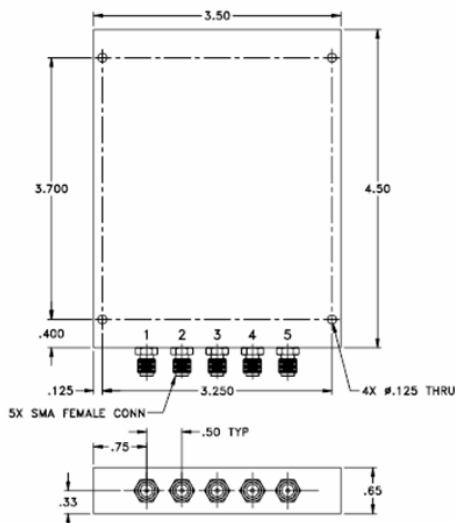
Case Style Change from

UU846 to

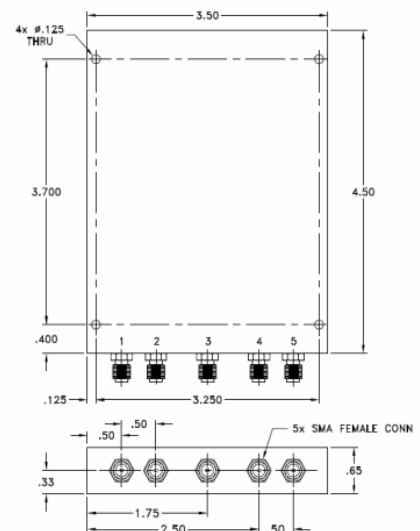
UU846-4



FROM :



TO:



ORIGINAL PART: ZN4PD1-63W-S+

REPLACEMENT PART: ZN4PD1-63HP-S+

In new outline UU846-4, connectors at location 1 and 2 are moved on left side by .250"(6.35mm) and 4 and 5 are moved on right side by .25" (6.35 mm).

Internally, PCB material is change from OAK to TLP.

CONCLUSION:

1) FUNCTIONAL COMPATIBLE_a:

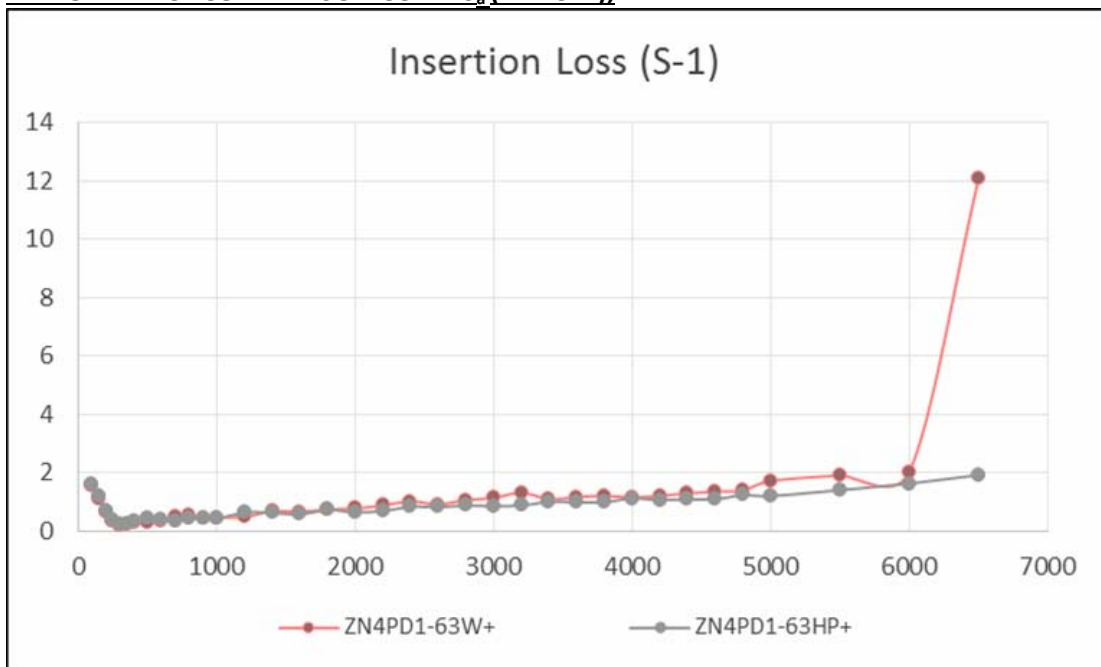
Following is a summary of changes/improvements:

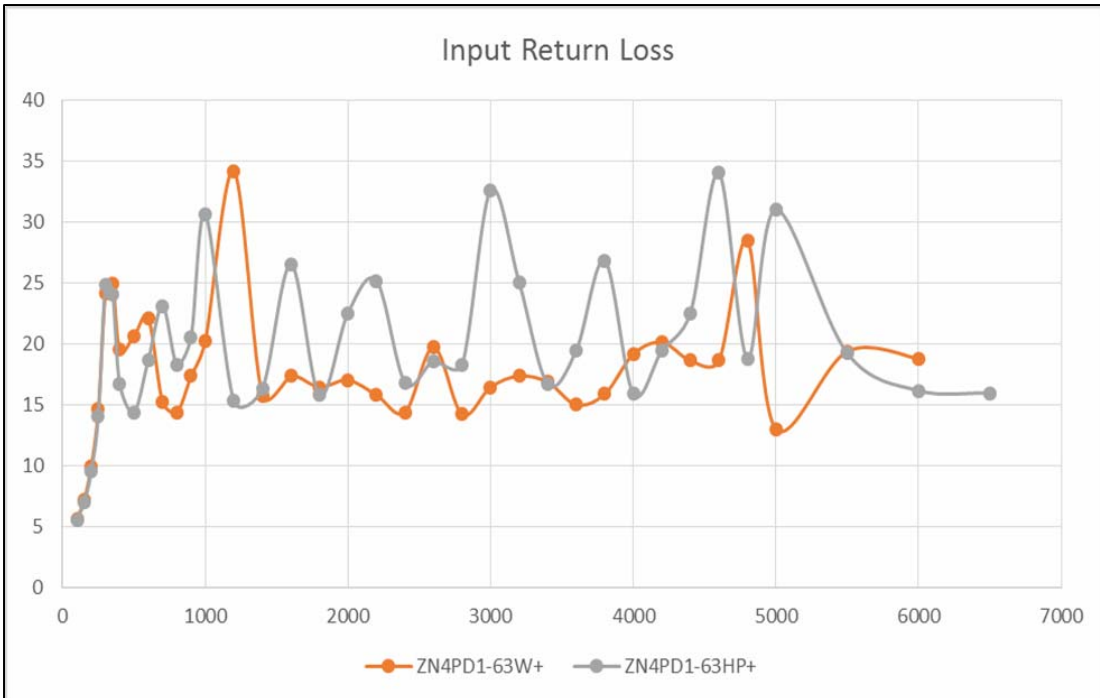
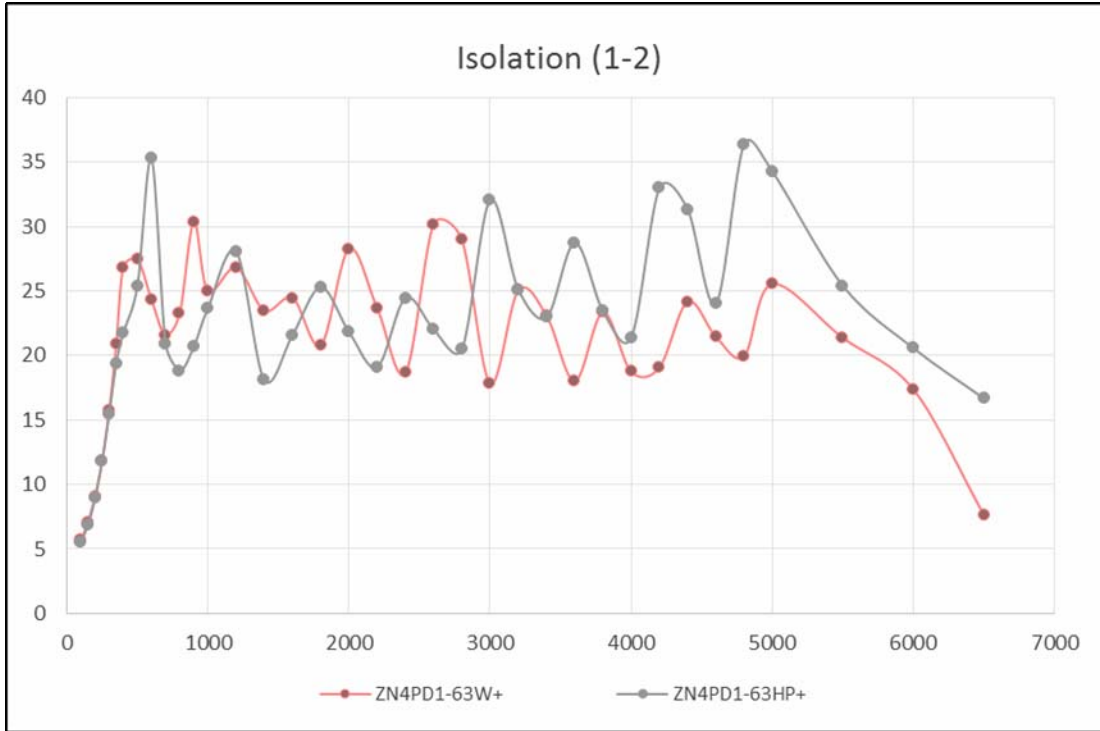
Typical performance: See paragraphs 2 and 3

Min/Max Specifications - see below:

Parameter	Original Part ZN4PD1-63W-S+	Replacement Part ZN4PD1-63HP-S+
Insertion Loss(max) @ 6000 MHz	3	2.5
Isolation (Min) @ 6000 MHz	12	13
Phase unbalance (max)	8	6
Amplitude unbalance (max)	0.8	0.6
VSWR (Max)@(typ)	1.3:1	1.25:1

2) PERFORMANCE COMPARISON CURVES_a (TYPICAL),





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