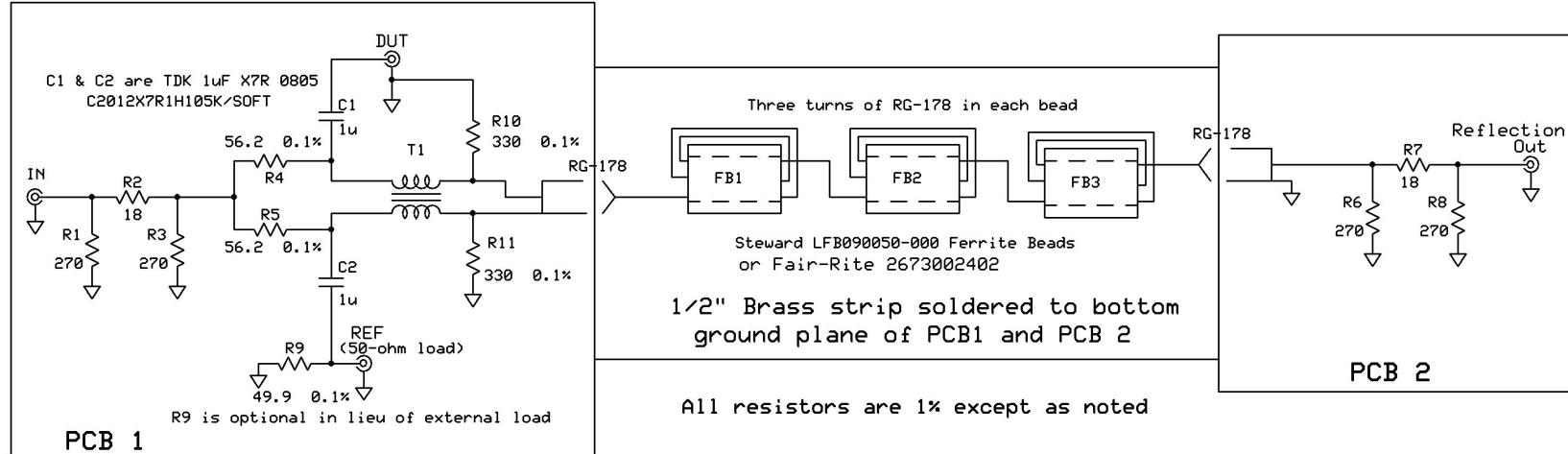


T1 - M/A Com MABA-010125-TC1113  
or Mini-Ckts TC1-1-13



Original Design by Sam Wetterlin 9/22/2008

### 3-Bead Balun Reflection Bridge

Rev 2: Circuit, Values and Pinouts revised

K9IVB

Rev 2.0  
6/7/2014

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### 3 Bauln Bridge v2 BOM 06102014

Ref Des	Value	Mfg Pt #	Mouser #	Digikey #
C1	1u		810-C2012X7R1H105KST	
C2	1u		810-C2012X7R1H105KST	
DUT	End Launch SMA		530-142-0701-801	
FB1	3 Turn RG-178 on Bead	2673002402	623-2673002402	
FB2	3 Turn RG-178 on Bead	2673002402	623-2673002402	
FB3	3 Turn RG-178 on Bead	2673002402	623-2673002402	
		LFB0900050-000	NA	240-2135-ND
IN	End launch SMA		530-142-0701-801	
R1	270		660-SG73S2ATTD2700F	
R2	18		660-SG73P2ATTD18R0F	
R3	270		660-SG73S2ATTD2700F	
R4	56.2 0.1%		667-ERA-6AEB56R2V	
R5	56.2 0.1%		667-ERA-6AEB56R2V	
R6	270		660-SG73S2ATTD2700F	
R7	18		660-SG73P2ATTD18R0F	
R8	270		660-SG73S2ATTD2700F	
R9	49.9 0.1%		667-ERA-6AEB49R9V	
R10	330 0.1%		667-ERA-6AEB331V	
R11	330 0.1%		667-ERA-6AEB331V	
REF	(50-ohm load)		530-142-0701-801	
Reflection	Out		530-142-0701-801	
RG-178-1	RG-178			
RG-178-2	RG-178			
T1	MABA-010125-TC1113		937-MABA010125TC1113	