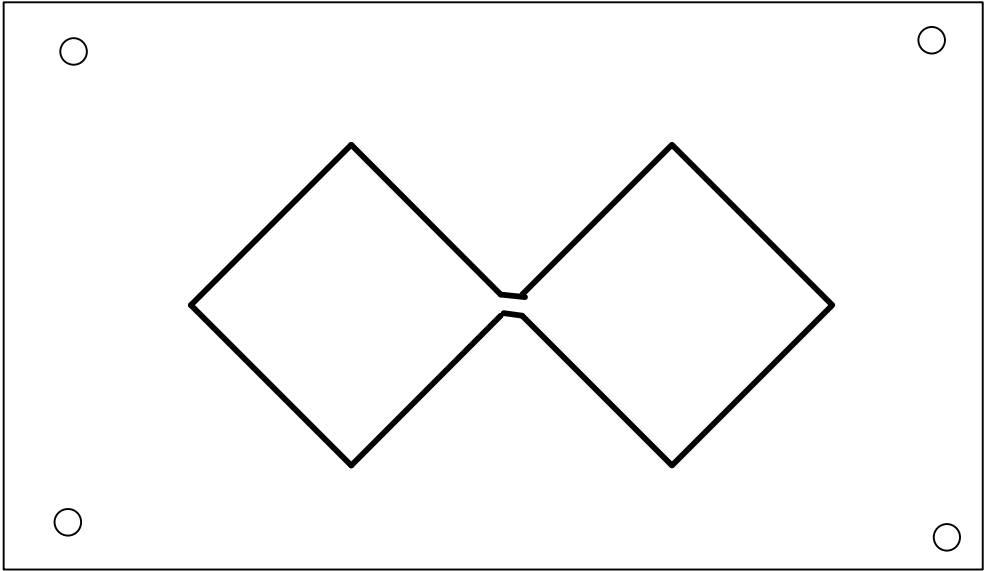


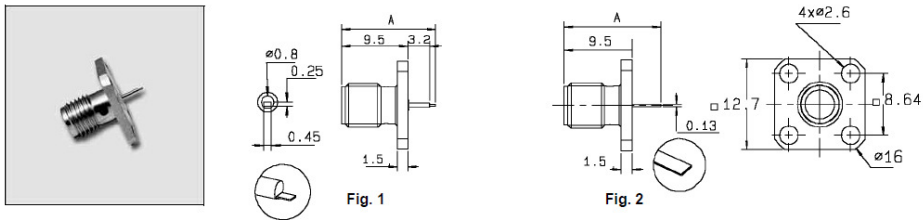
Assume 1.6mm FR-4

trace width = 3mm approx, each side quarter wavelength = 17mm (compare free space with wire = 31mm)

Centre feed one side to SMA conductor, other to one of the SMA mounting holes (wire solder through to connector GND). See SMA dimensions underneath, approx straight line distance $\sqrt{2} \times 4.32\text{mm}$ gap between conductor and mounting hole. Adjust centre spacing dimensions to fit connector conductor and mounting hole.



STRAIGHT FEMALE SQUARE FLANGE RECEPTACLES - FLAT TAB



Part number (gold)	Part number (passivated)	Fig.	Dimensions A (mm)	Captive center contact	Panel drilling
R125 501 000	R125 501 001	1	13.5	yes	P04
R125 510 000	R125 510 001	2	12	yes	P04
R125 620 000	R125 620 001	2	10.38	yes	P04