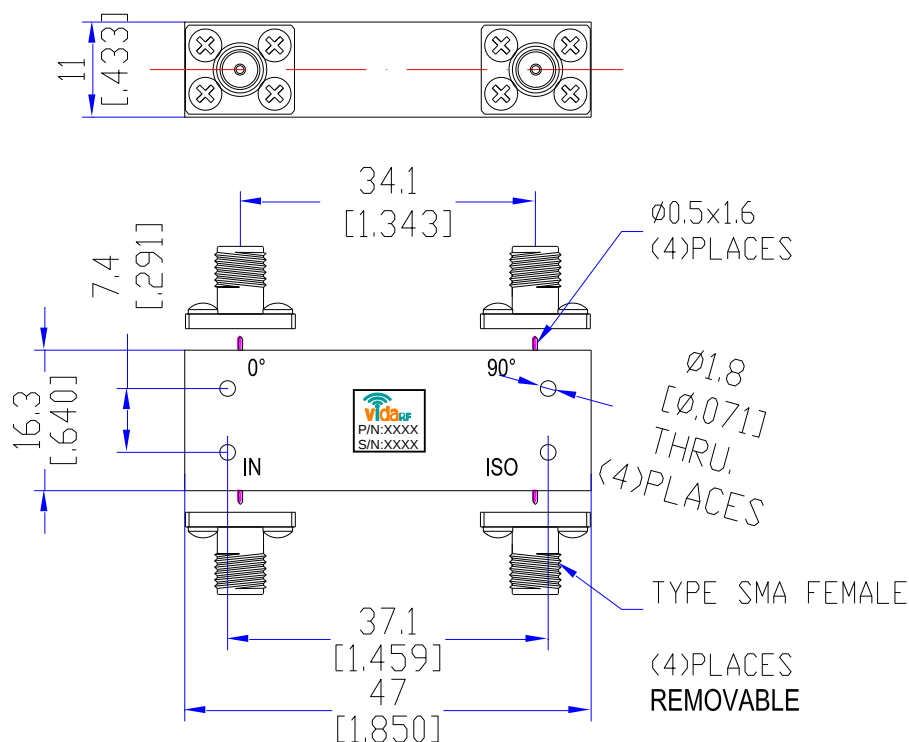




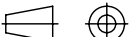
Electrical Specifications

Frequency Range	2~18GHz
Nominal Split	3.1dB
Insertion Loss	≤1.2dB
Amplitude Balance	≤±0.5dB
Amplitude Ripple	≤0.5dB(All RF In Via Input Port,Test 'IN' To '0°')
Phase Balance	≤±5°
Phase Tracking	≤10°(The Same Batch No., All RF In Via Input port,Test 'IN' To '0°')
Isolation	≥20dB
VSWR	≤1.30:1
Power Handling	Average ≤30Watt ; Peak ≤1KW
Impedance	50Ω
Port Connectors	SMA-Female (removable,Φ0.5x1.6mm)
Surface Color	Silvery White

Environmental Parameters

Operating Temperature -55~+85°C

Operating Humidity Up to 90%,Non- Condensing

				Drawn: T. P 9/18/14	Title: 2-18GHz 3dB 90° hybrid coupler					
				Checked: D. H 9/18/14						
Description	Ecn.No	Date	Rev	Approved: S. K 9/18/14						
 Tel:877-777-8432 www.vidaRF.com					Unless otherwise specified dimensions are in millimeters, dimensions in [] are in inches for customer reference only. Unless Otherwise Specified tolerance are: .XX ±0.13 [.005"] .X ±0.20 [.008"] X ±0.50 [.019"] .X° ±1° X° ±2°		Cage Code		Part No: VHC-20180A2	
							6KQ83			
					View:				Size:	Scale:
				A4	4:1	1/1	A			