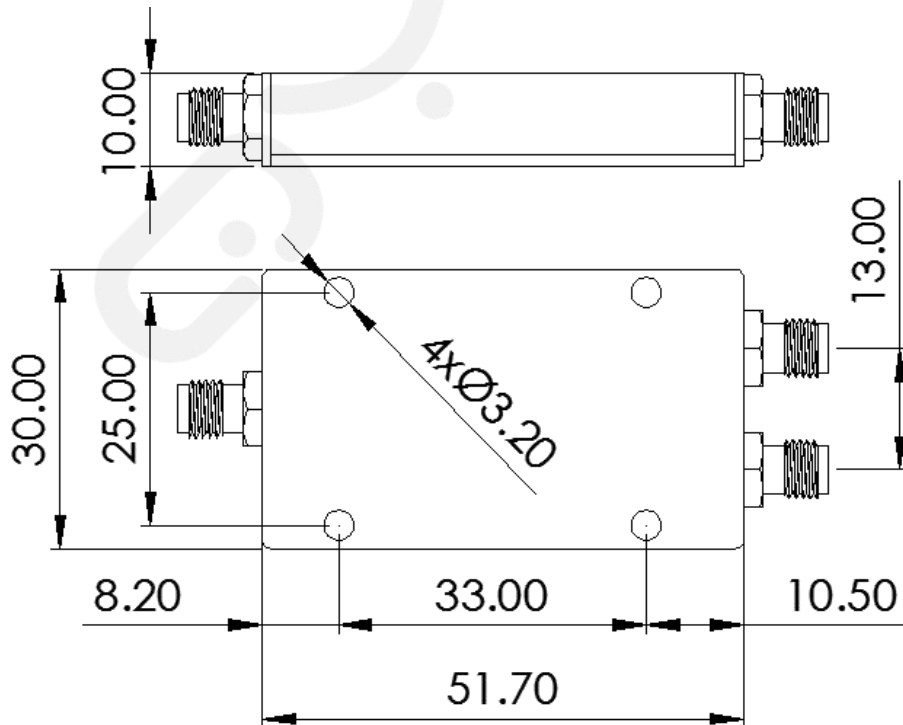


QY-PS2-0.5/8-SI

【一、产品参数Parameters/规格指标Specifications】

频率范围 Frequency Range	500 ~ 8000 MHz/0.5-8GHz
插入损耗 Insertion Loss	≤ 1.0dB (Excluding theoretical loss 未含理论损耗 3.0 dB)
输入驻波 Input Port VSWR	Typ.1.16/ Max.1.25
输出驻波 Output Port VSWR	Typ.1.12 / Max.1.2
隔离度 Isolation	Typ.25dB / Min.20dB
幅度平衡 Amplitude Balance	≤ 0.2dB
相位平衡 Phase Balance	±3°
阻抗 Impedance	50 Ohms
端口接头 Input/Output Connectors	SMA-Female
承受功率 Power Rating	Splitter 分路器用时 30W; Combiner 合路器用时 1W
工作温度 Operation Temperature	-45°C ~ +85°C
表面处理 Surface Finishing	Sandblasting natural color conductive oxide 喷砂本导
外形尺寸 Outline Dimensions	51.7*30*10 (mm)
重量 Weight	40 (g)

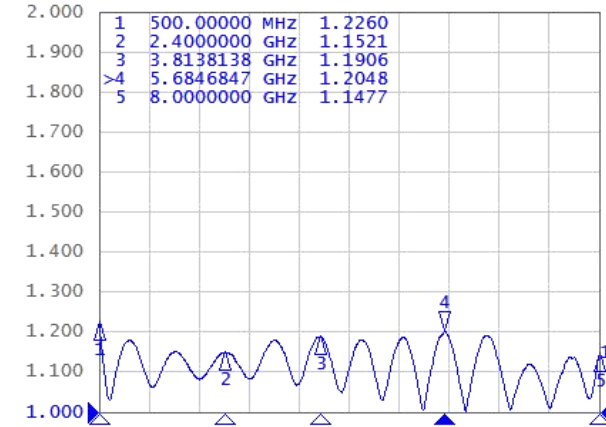
【二、规格草图 Draft specifications】



注: 尺寸(mm) , 一般公差(± 0.3)
Note: Dimensions (mm), General tolerance (±0.3)

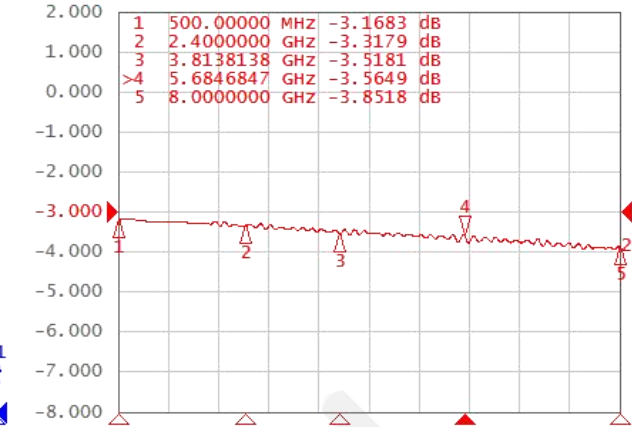
【三、测试曲线图Test curve】

Tr1 S11 SWR 100.0m/ Ref 1.000 [F2]



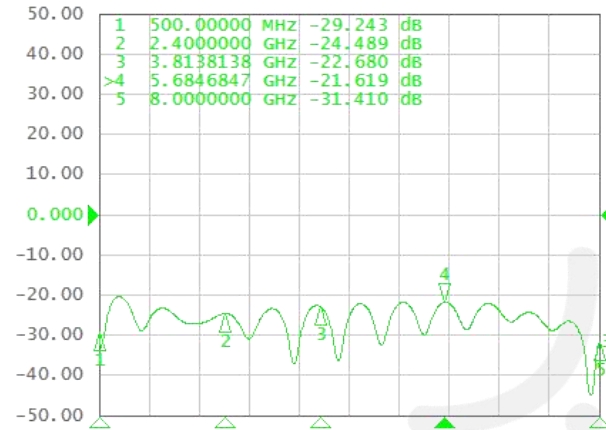
1.合路端驻波比 Combined Port VSWR

Tr2 S21 Log Mag 1.000dB/ Ref -3.000dB [F2]



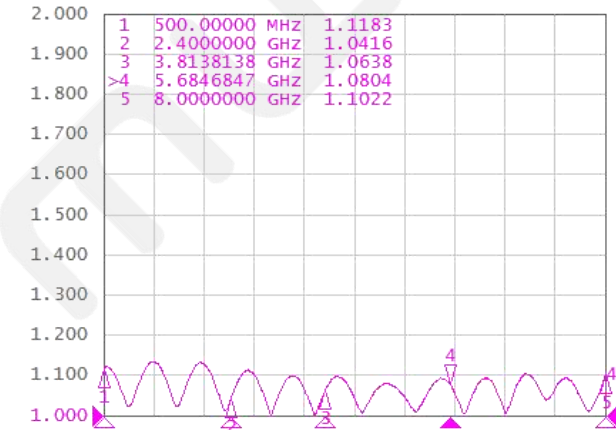
2.插入损耗 Insertion Loss

Tr3 S12 Log Mag 10.00dB/ Ref 0.000dB [F2 Smo]



3.隔离度 Isolation

Tr4 S22 SWR 100.0m/ Ref 1.000 [F2]



4.分配端驻波比 Distribution Port VSWR