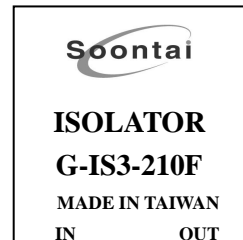


**Customer : TKI(Germany)**
**Smp. No : S-20070815**
**G-IS3-210F ISOLATOR SPECIFICATIONS (SAMPLE)**

**Label**

**■ ELECTRICAL SPECIFICATIONS**

ITEM	MIN	TYP	MAX	UNIT
Frequency Range	10~1000			MHz
Impedance	75			$\Omega$
Insertion Loss (10~1000MHz)		0.3	1.0	dB
Return Loss (10~1000MHz)	12	16		dB
Delay Inequality $\Delta$ 4.43MHz		1	10	nsec.
Breakdown Voltage			2500	VDC

**■ MECHANICAL SPECIFICATIONS**

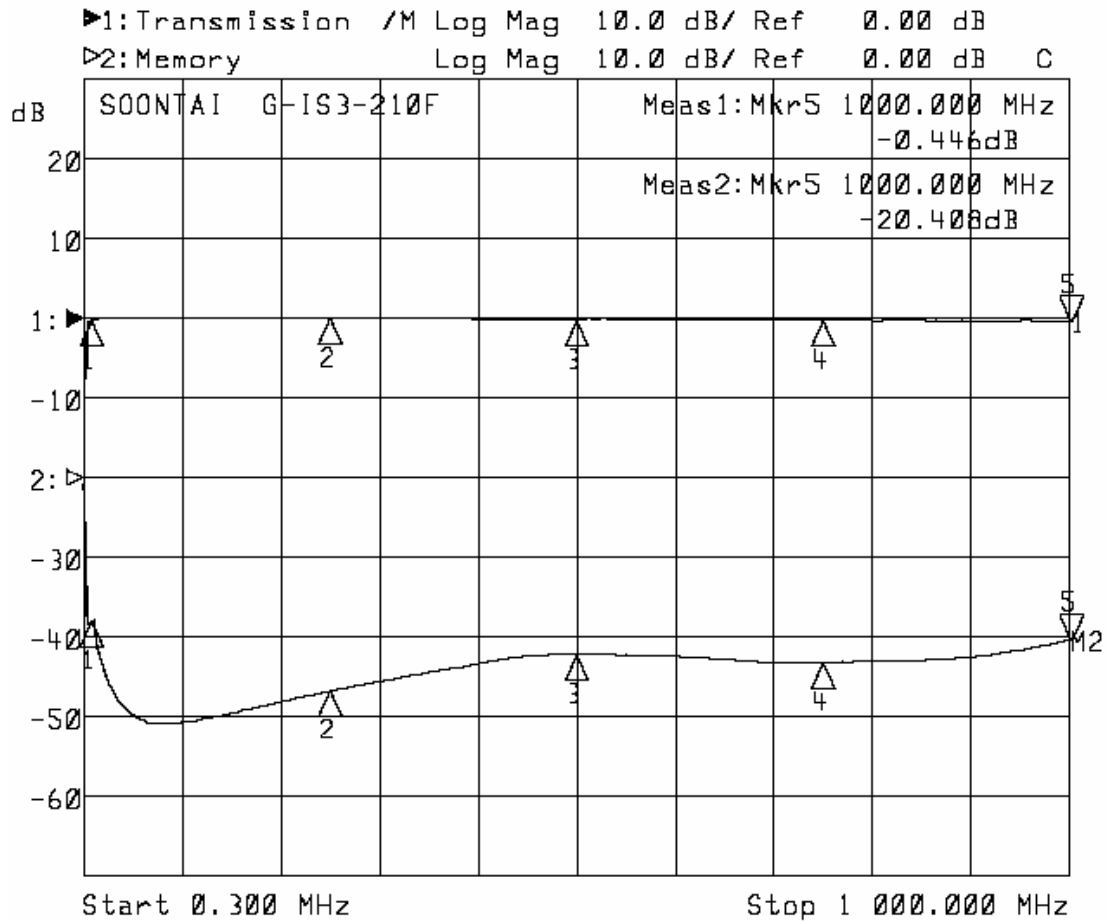
ITEM	DESCRIPTION	UNIT
Housing	Copper Tube	
Connector	75 $\Omega$ , Female "F" type	
Connector Screw Thread	3/8"-32UNF	inch
Dimensions	19( $\phi$ ) $\times$ 63(L)	mm
Net Weight	47.5	g

<b>MODEL NO.</b>	G-IS3-210F Isolator		<b>Sample Q'TY</b>	2
<b>APPROVE</b>	<b>CHECK</b>	<b>ENGINEER</b>	<b>PAGE/TOTAL</b>	
Dennis Duh 20070810	Rock Li 20070810	Rock Li 20070810	1 / 3	

**G-IS3-210F**

Insertion Loss and Return Loss

Span: 1000MHz



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 10.0000	-0.184	1: 10.0000	-17.959
2: 250.0000	-0.045	2: 250.0000	-26.853
3: 500.0000	-0.149	3: 500.0000	-22.250
4: 750.0000	-0.238	4: 750.0000	-23.212
5> 1000.0000	-0.446	5> 1000.0000	-20.408

Fig.1

<b>MODEL NO.</b>	G-IS3-210F Isolator		<b>Sample Q'TY</b>	2
<b>APPROVE</b>	<b>CHECK</b>	<b>ENGINEER</b>	<b>PAGE/TOTAL</b>	
Dennis Duh 20070810	Rock Li 20070810	Rock Li 20070810	2 / 3	

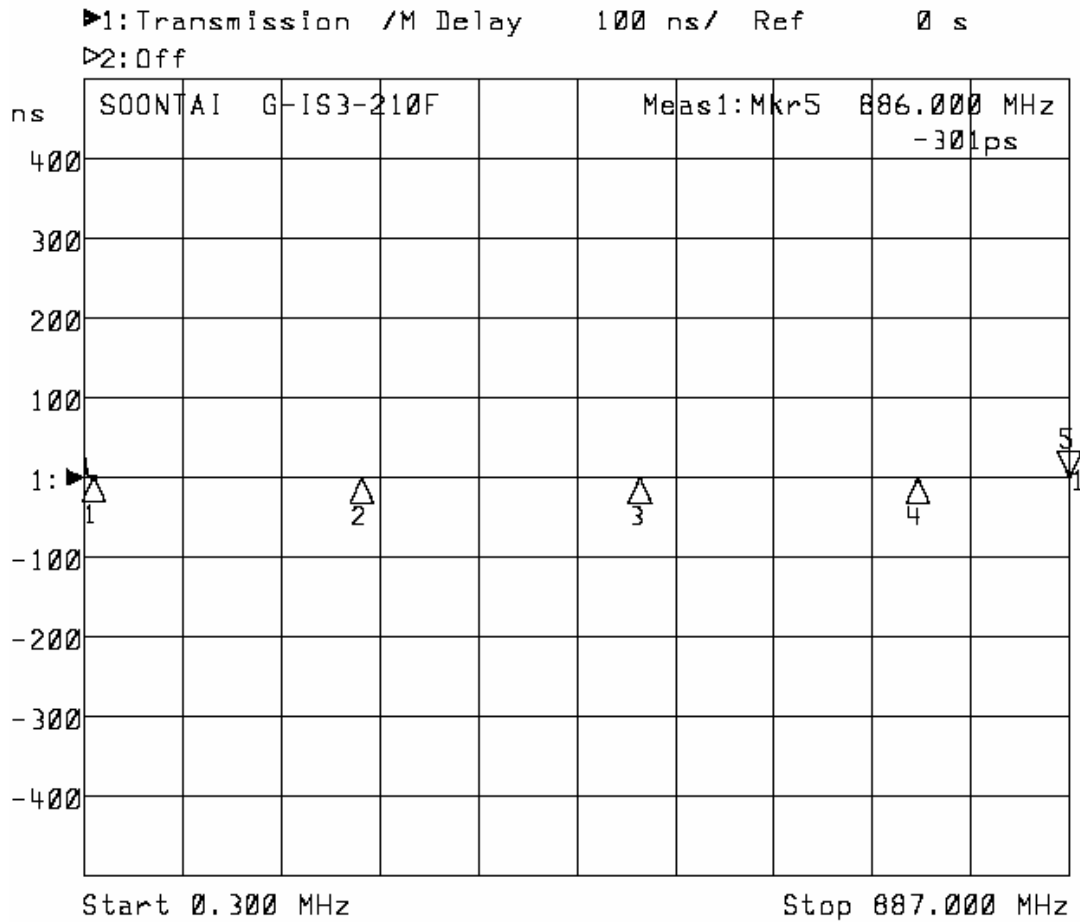


# SOONTAI TECH CO., LTD.

TEL: 886-6-2720168 FAX: 886-6-2719511  
 http://www.soontai.com E-mail: soontai@soontai.com

## G-IS3-210F

Delay Inequality  $\Delta$  4.43MHz



1: Mkr (MHz)	s	2: Mkr (MHz)	dB
1: 10.0000	1.69n		
2: 250.0000	220p		
3: 500.0000	-133p		
4: 750.0000	315p		
5> 886.0000	-301p		

Fig.2

<b>MODEL NO.</b>	G-IS3-210F Isolator		<b>Sample Q'TY</b>	2
<b>APPROVE</b>		<b>CHECK</b>		<b>ENGINEER</b>
Dennis Duh 20070810		Rock Li 20070810		Rock Li 20070810
				<b>PAGE/TOTAL</b>
				3 / 3