

SOONTAI

**IS6-212
ISOLATOR**

**SPECIFICATIONS
(SAMPLE)**

Date : FEB 06, 2017

Customer: Telco(Turkey, 090013)
Sample No: S-20170201-B
IS6-212 ISOLATOR SPECIFICATIONS (SAMPLE)

Label

■ ELECTRICAL SPECIFICATIONS

ITEM	MIN	TYP	MAX	UNIT
Frequency Range	5~1218			MHz
Impedance	75			Ω
Insertion Loss (5~1000 MHz)		0.3	0.8	dB
Insertion Loss (1001~1218 MHz)		0.5	1.2	dB
Return Loss (5~1000 MHz)	15	18		dB
Return Loss (1001~1218 MHz)	14	18		dB
Galvanic Isolation			2120 / 0.7	VDC/mA
Galvanic Isolation			230 / 2	VAC/mA

■ SCREENING EFFECTIVENESS

ITEM	MIN	TYP	MAX	UNIT
5~300 MHz	85			dB
300~470 MHz	80			dB
470~950 MHz	75			dB
950~1218 MHz	55			dB

MODEL NO.	IS6-212 Isolator		Sample Q'TY	5
APPROVE	CHECK		ENGINEER	PAGE/TOTAL
Kevin Wu 2017/02/07	Rock Li 2017/02/06		Rock Li 2017/02/06	1 / 2



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■ MECHANICAL SPECIFICATIONS

ITEM	DESCRIPTION	UNIT
Housing	Brass Tube	
Housing Plated	Min. 1.5 μ m Nickel	
Center Conductor	Phosphorus Bronze	
Center Conductor Plated	Gold	
Connector	75 Ω , Male & Female "F" type	
Connector Screw Thread	3/8"-32UNEF	inch
Dimensions	16.5 (ϕ) \times 60.4 (L)	mm
Net Weight(Approx.)	38.5	g

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