

SOONTAI

IS8-11001
ISOLATOR

SPECIFICATIONS
(SAMPLE)

Date : FEB 06, 2017

Customer: Telco(Turkey, 090013)
Sample No: S-20170201-C
IS8-11001 ISOLATOR SPECIFICATIONS (SAMPLE)

Label

■ ELECTRICAL SPECIFICATIONS

ITEM	MIN	TYP	MAX	UNIT
Frequency Range	5~1218			MHz
Impedance	75			Ω
TV Band				
Insertion Loss (110~1000 MHz)		4.5	5.0	dB
Insertion Loss (1001~1218 MHz)		6.0	7.5	dB
Return Loss (110~1000 MHz)	15	18		dB
Return Loss (1001~1218 MHz)	14	18		dB
Rejection (5~85 MHz)	35	40		dB
DATA Band				
Insertion Loss (5~85 / 110~1000 MHz)		4.5	5.0	dB
Insertion Loss (1001~1218 MHz)		5.0	6.0	dB
Return Loss (15~85 / 110~1000 MHz)	15	18		dB
Return Loss (1001~1218 MHz)	14	18		dB
TV-DATA				
Isolation (5~85 MHz)	40	45		dB
Isolation (110~1000 MHz)	20	25		dB
Isolation (1001~1218 MHz)	18	20		dB
Galvanic Isolation			2120 / 0.7	VDC/mA
Galvanic Isolation			230 / 2	VAC/mA

MODEL NO.	IS8-11001 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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■ SCREENING EFFECTIVENESS

ITEM	MIN	TYP	MAX	UNIT
5~10 MHz	75			dB
15~300 MHz	85			dB
300~470 MHz	80			dB
470~950 MHz	75			dB
950~1218 MHz	55			dB

■ MECHANICAL SPECIFICATIONS

ITEM	DESCRIPTION	UNIT
Housing	Zinc Alloy Die-cast	
Housing Plated	Min. 1.5 μ m Nickel	
Center Conductor	Phosphorus Bronze	
Center Conductor Plated	Gold	
Connector	75 Ω , Female "F" type	
Connector Screw Thread	3/8"-32UNEF	inch
Dimensions	64(L) \times 62(W) \times 21(H)	mm
Net Weight(Approx.)	80	g

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