High Power Isolator

Model No.DSI-Series

Specifications

System	Freqency (MHz)	Parts No.	Ins. Loss max (dB)	Isola-tion min (dB)	VSWR max	Handl-ing Power max (W)	Reflec-tion Power max (W)	Tempe-rature (℃)
PDC-800	810-830	DSI-253R0.820G	0.3	23	1.20	100	75	-20 to +80
D-AMPS	869-894	DSI-253R0.882G	0.3	23	1.20	100	75	-20 to +80
GSM	935-960	DSI-25WR0.948G	0.5	50	1.20	80	50	-20 to +80
PDC-1500	1477-1501	DSI-20R1.489G	0.3	23	1.20	80	30	-20 to +80
PCN	1805-1880	DSI-20R1.843G	0.3	20	1.20	80	30	-20 to +80
(DCS-1800)	1805-1880	DSI-20WR1.843G	0.5	50	1.20	80	40	-20 to +80
PCS	1930-1990	DSI-20R1.960G	0.3	20	1.20	80	30	-20 to +80

Size & Shape

System	Freqency (MHz)	Parts No.	Size W (mm)	L (mm)	T (mm)	Fig. No.*	Fig. No.**
PDC-800	810-830	DSI-253R0.820G	25.4	31.7	5.8	A	G
D-AMPS	869-894	DSI-253R0.882G	25.4	31.7	5.8	A	G
GSM	935-960	DSI-25WR0.948G	55.0	31.7	12.7	C	I
PDC-1500	1477-1501	DSI-20R1.489G	18.0	20.0	5.5	B	H
PCN	1805-1880	DSI-20R1.843G	18.0	20.0	5.5	B	H
(DCS-1800)	1805-1880	DSI-20WR1.843G	38.0	21.5	12.7	D	J
PCS	1930-1990	DSI-20R1.960G	18.0	20.0	5.5	B	H

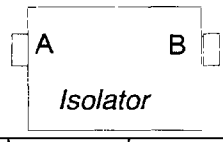
*Line Type
**Connector Type

Part Numbering

(Ex.)DSI-253WR0.820G

DSI - 253 (1) W (2) R (3) 0.820G (4)

(1) Series
(2) None: Single Type W: Double Type(High Isolation)
(3) Rotating Direction (R or L) [see Fig.1]
(4) Center Frequency (GHz)



	A	B
R	Input	Output
L	Output	Input

Fig.1

HTWLS019

Fig A

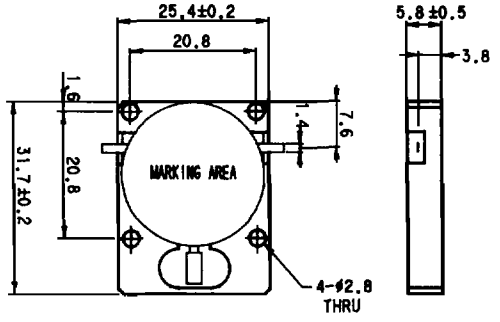


Fig B

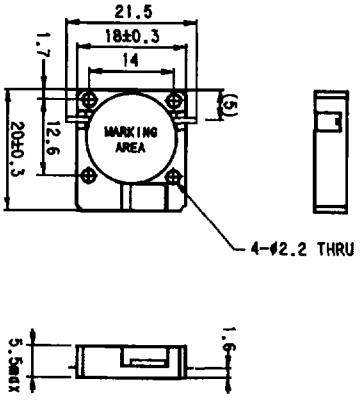


Fig C

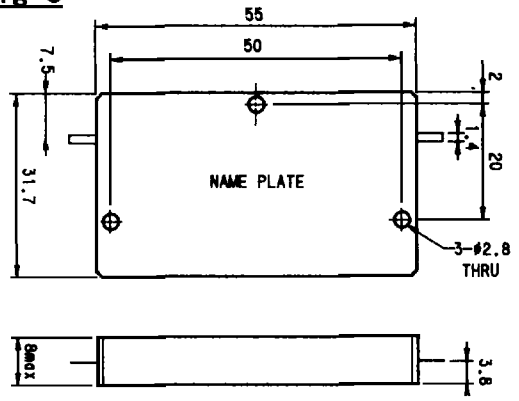


Fig D

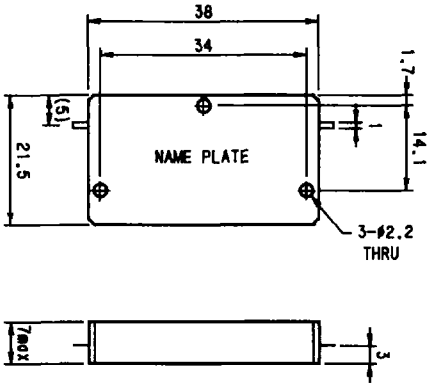


Fig G

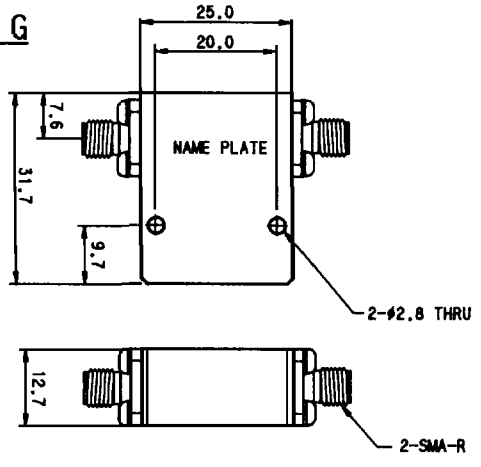


Fig H

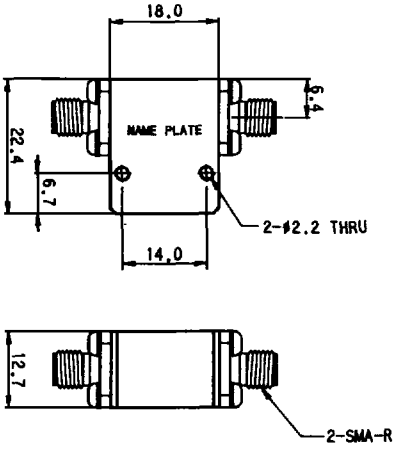


Fig I

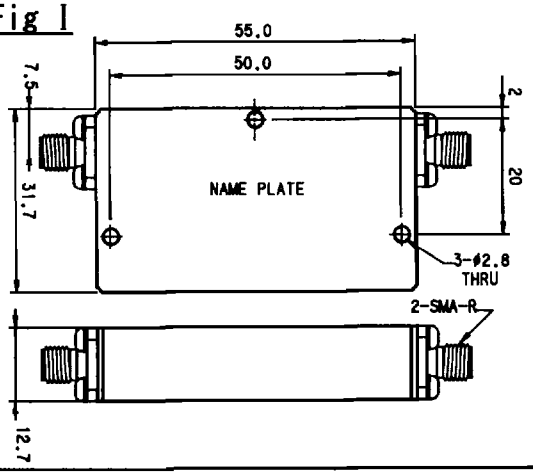


Fig J