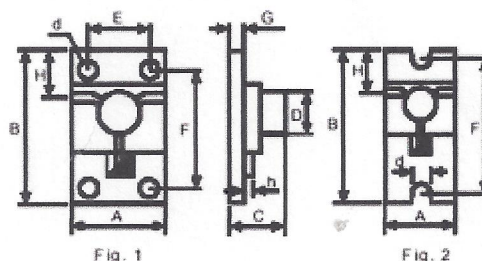
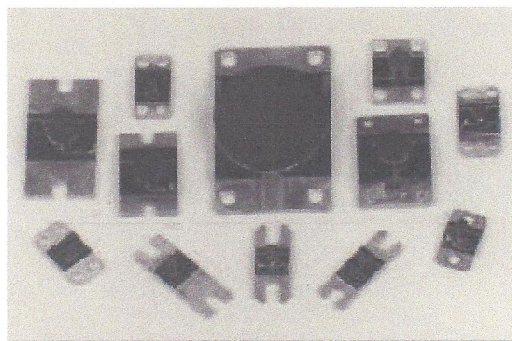




General Electronic Devices

Makers of active and passive components
Quartz Crystal * Oscillators * Synthesizer * Filters
Micro-Hybrid Assembly Services

I. Microstrip Isolators



1. Metal Carrier Type Isolators

Frequency range GHz	Model	Bandwidth %	Insertion loss dB, max	Isolation dB, min	VSWR max	Handling power W.CW	Power absorption W.CW	Fig.
2.0 to 3.0	3IMS20-30*	15	0.5	20	1.25	10	3	1
3.4 to 4.2	3IMS30-50*	15	0.5	20	1.25	10	3	1
5.0 to 9.0	3IMS50-90*	15	0.4	20	1.25	10	3	1
8.4 to 10.7	3IMS95-1	15	0.6	18	1.25	10	3	2
11.0 to 18.0	4IMS11-18*	10	0.6	18	1.25	10	3	2
18.0 to 32.0	4IMS18-32*	10**/9***	0.9	20	1.35	2	1	2
32.0 to 46.0	4IMS34-46*	9**/5***	1.0/1.2	20	1.3	1	0.5	2

* - Group of Models, each for a definite central frequency of the range. While ordering a particular Model, central frequency of the range should be stated
 ** - Bandwidth within 18 to 26 GHz. *** - Bandwidth within 26 to 32 GHz. Operating temperature: (-30 to +70) °C.

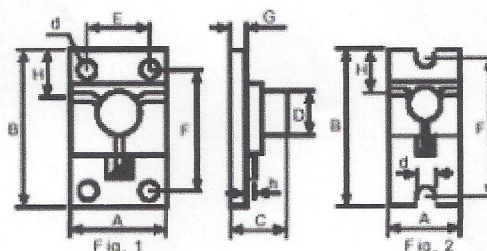
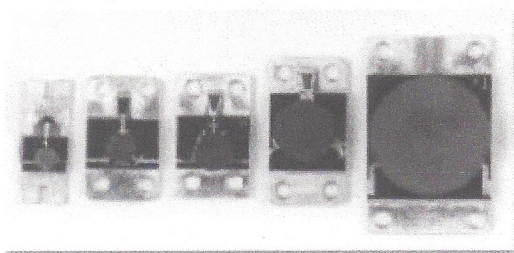
Outlines (all dimensions are in millimeters)

Model	A	B	C	d	E	F	G	h	H	D	Fig.
3IMS20-30	20	30	6.5	2.5	15	25	1.2	1.0	9.0	9	1
3IMS30-50	15	25	9.0	2.5	10	20	1.2	1.0	9.0	9	1
3IMS50-90	12	20	6.5	2.5	7	15	1.2	0.635	6.5	5	1
3IMS95-1	9	19	7.5	2.5	-	14	1	0.635	7.0	3	2
4IMS11-18	7	19.5	6.0	2.5	-	15.5	1	0.635	6.0	3	2
4IMS18-32	6	17.5	3.5	2.5	-	13.5	1.2	0.38/0.25	6.15	2.2	2
4IMS34-46	5	11	3.5	1.6	-	8	1.0	0.2/0.15	4.1	1.2	2



General Electronic Devices

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 Micro-Hybrid Assembly Services



2. Metal Carrier Type Isolators for High Power Absorption

Frequency range GHz	Model	Insertion loss dB, max	Isolation dB, min	VSWR max	Handling power W.CW	Power absorption W.CW	Fig.
2.3 to 3.0	3IMS20-30*	0.5	20	1.25	15	10	1
3.0 to 5.0	3IMS30-50P*	0.5	20	1.2	15	10	1
5.0 to 10.0	3IMS50-10P*	0.4	20	1.2	15	10	1
10.0 to 16.0	4IMS11-16P*	0.5/0.6	18	1.25	10	5	2

*- Group of Models, each for a definite central frequency of the range. While ordering a particular Model, central frequency of the range should be stated
 Operating temperature: -30 to +70 °C. Bandwidth - 15 %.

Outlines (all dimensions are in millimeters)

Model	A	B	C	d	E	F	G	h	H	D	Fig.
3IMS20-30	20	30	6.5	2.5	15	25	1.2	1.0	9.0	19	1
3IMS30-50P	15	25	9.0	2.5	10	20	1.2	1.0	9.0	9	1
3IMS50-10P	12	20	6.5	2.5	7	15	1.2	0.5	6.5	5	1
4IMS11-16P	7	19.5	6.0	2.5	0	15.5	1.0	0.635	6.0	3	2