

FEATURE

- Operating Frequency:0.5~18GHz
- Stable Performance and High Reliability
- High Isolation
- Low Insertion Loss
- Small Phase&Amplitude Errors
- Operating Temperature:-55~+85°C

APPLICATIONS

- Communication system
- Radar&Warfare system
- Test Equipment



SPECIFICATIONS@25°C:

Part Number	Frequency Range (GHz)	Isolation (dB.Max)	Insertion Loss (dB)	VSWR Input (Max)	VSWR Output (Max)	Phase Balance (deg.Max)	Amplitude Balance (dB.Max)	Power Handling (W.Avg)	Way	Case Type
MPD001002S8L	0.001-0.2	20	1.2	1.5	1.5	2	0.3	30	8	8D1/8D2
MPD005005S8L	0.005-0.5	20	2	1.5	1.5	2	0.3	30	8	8D1/8D2
MPD003015S8L	0.03-1.5	20	2.5	1.3	/	5	0.4	5	8	8D7
MPD003010S8M	0.3-1	18	1.3	1.4	/	5	0.5	30	8	8D14
MPD003060S8L	0.38-6	15	3.8	1.8	1.6	10	0.8	30	8	8D25
MPD004036S8M	0.4-3.6	16	2.4	1.6	/	5	0.5	30	8	8D1/8D2
MPD004075S8L	0.4-7.5	15	5.5	2	1.75	±12	±1	30	8	8D27
MPD005010N8M	0.5-1	18	1	1.4	1.3	10	0.5	30	8	8D10
MPD005020S8L	0.5-2	20	1.5	1.4	/	4	0.4	20	8	8D4
MPD005020S8M	0.5-2	20	1.4	1.4	1.2	12	0.5	30	8	8D1/8D2
MPD005020S8H	0.5-2	20	1.4	1.4	1.2	4	0.3	50	8	8D1/8D2
MPD005020S8I	0.5-2	22	1.2	1.4	/	4	0.4	30	8	8D1/8D2
MPD005040S8M	0.5-4	15	2.4	1.5	1.4	4	0.5	30	8	8D1/8D2
MPD005060S8L	0.5-6	18	2	1.5	1.4	8	0.5	35	8	8D21
MPD005060S8M	0.5-6	15	2.7	1.5	1.4	6	0.4	50	8	8D1/8D2
MPD005060S8I	0.5-6	16	2.8	1.6	/	7	0.5	30	8	8D1/8D2
MPD005080S8L	0.5-8	14	4.2	1.9	1.8	12	1	30	8	8D26
MPD005180S8L	0.5-18	14	9	1.8	/	6	1	10	8	8D24
MPD007027N8L	0.7-2.7	20	1.5	1.4	/	7	0.2	30	8	8D1/8D2
MPD007027S8L	0.7-2.7	20	1.5	1.4	/	7	0.2	30	8	8D1/8D2
MPD007027S8M	0.7-2.7	20	1.2	1.35	1.25	5	0.4	50	8	8D1/8D2
MPD008018S8H	0.8-1.9	20	1.2	1.3	1.2	3	0.3	30	8	8D2
MPD008024S8L	0.8-2.4	20	1	1.4	1.25	8	0.5	20	8	8D1/8D2
MPD008024S8M	0.8-2.4	20	1	1.5	1.3	8	0.5	30	8	8D1/8D2
MPD008025S8L	0.8-2.5	20	1.2	1.4	/	5	0.5	30	8	8D17



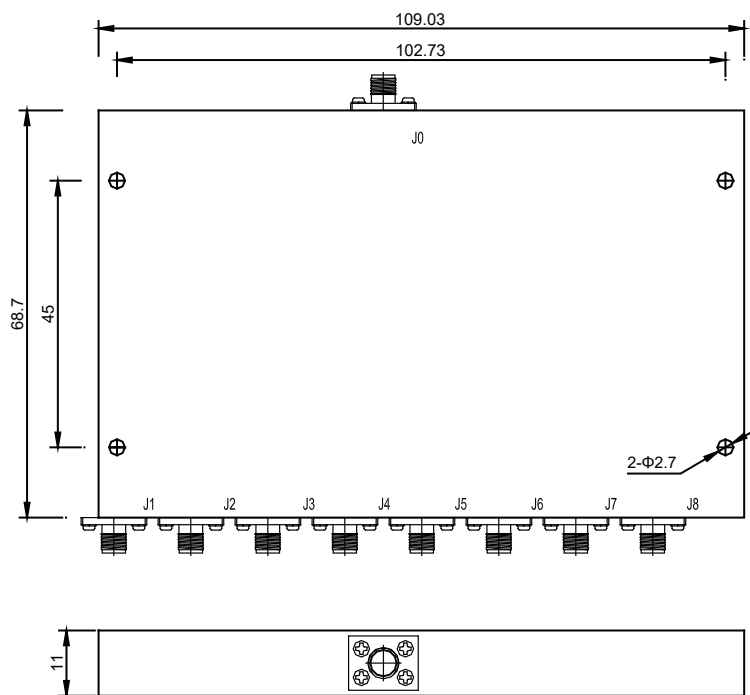
8-WAY WIDE BAND POWER DIVIDER

Part Number	Frequency Range (GHz)	Isolation (dB.Max)	Insertion Loss (dB)	VSWR Input (Max)	VSWR Output (Max)	Phase Balance (deg.Max)	Amplitude Balance (dB.Max)	Power Handling (W.Avg)	Way	Case Type
MPD008025S8M	0.8-2.5	20	1.2	1.4	/	3	0.3	30	8	8D2
MPD008025S8H	0.8-2.5	20	1.5	1.3	/	5	0.4	100	8	8D19
MPD008025S8I	0.8-2.5	20	1.2	1.4	/	5	0.4	30	8	8D1/8D2
MPD010020S8L	1-2	17	0.8	1.5	1.5	8	0.4	30	8	8D1/8D2
MPD010020S8M	1-2	20	0.8	1.35	/	5	0.4	30	8	8D2
MPD010020S8H	1-2	20	0.8	1.25	1.2	5	0.4	100	8	8D1/8D2
MPD010040S8L	1-4	20	1.5	1.35	1.25	4	0.4	10	8	8D1/8D2
MPD010040S8M	1-4	20	1.2	1.35	1.3	6	0.5	20	8	8D1/8D2
MPD010040S8H	1-4	20	1.2	1.4	1.3	4	0.4	30	8	8D1/8D2
MPD010040S8I	1-4	20	1.3	1.4	/	5	0.5	30	8	8D1/8D2
MPD010060S8M	1-6	16	2.5	1.8	1.5	6	0.4	30	8	8D1/8D2
MPD010080S8L	1-8	18	2.8	1.6	/	8	0.6	10	8	8D128D8
MPD010080S8M	1-8	15	3.4	1.6	/	10	0.5	10	8	8D1/8D2
MPD010080S8H	1-8	16	2.2	1.6	1.3	5	0.5	30	8	8D28
MPD010124S8M	1-12.4	15	3.8	1.8	/	12	0.8	10	8	8D21
MPD010124S8L	1-12.4	15	4.2	1.8	1.5	6	0.4	20	8	8D1/8D2
MPD010180S8M	1-18	13	2.4	2	/	15	1.2	10	8	8D22
MPD010180S8H	1-18	16	3.8	1.6	1.5	8	0.6	30	8	8D22
MPD015050S8L	1.5-5	17	2.2	1.6	1.3	3	0.5	30	8	8D28
MPD020024N8L	2-2.4	23	0.6	1.3	/	4	0.3	5	8	8D9
MPD020040S8L	2-4	18	1	1.6	1.6	6	0.5	20	8	8D1/8D2
MPD020040S8M	2-4	20	1	1.4	1.3	5	0.4	30	8	8D2
MPD020040S8H	2-4	20	1	1.3	1.2	4	0.4	50	8	8D1/8D2
MPD020080S8L	2-8	18	1.8	1.5	/	7	0.8	20	8	8D2
MPD020080S8M	2-8	18	1.5	1.6	1.3	5	0.5	30	8	8D1/8D2
MPD020080S8H	2-8	18	1.5	1.6	1.3	5	0.7	50	8	8D1/8D2
MPD020080S8I	2-8	17	1.8	1.65	/	7	0.8	20	8	8D1/8D2
MPD020180S8M	2-18	15	3.5	1.9	/	10	0.8	10	8	8D23
MPD020180S8L	2-18	15	3.5	1.9	/	10	0.8	10	8	8D15
MPD020180S8I	2-18	15	3.5	1.85	/	10	0.8	10	8	8D1/8D2
MPD036043S8L	3.6-4.3	20	1.2	1.4	1.4	6	0.4	10	8	8D1/8D2
MPD040080S8L	4-8	20	1.2	1.5	/	5	0.5	30	8	8D2
MPD040080S8M	4-8	18	1.2	1.5	1.25	5	0.5	30	8	8D1/8D2
MPD040080S8H	4-8	18	1.2	1.5	1.25	4	0.4	50	8	8D1/8D2
MPD040080S8I	4-8	18	1.2	1.5	/	5	0.5	20	8	8D1/8D2
MPD040100S8L	4-10	18	26	1.7	1.5	3	0.5	30	8	8D23
MPD040180S8L	4-18	15	2.5	1.7	1.6	10	0.8	10	8	8D1/8D2

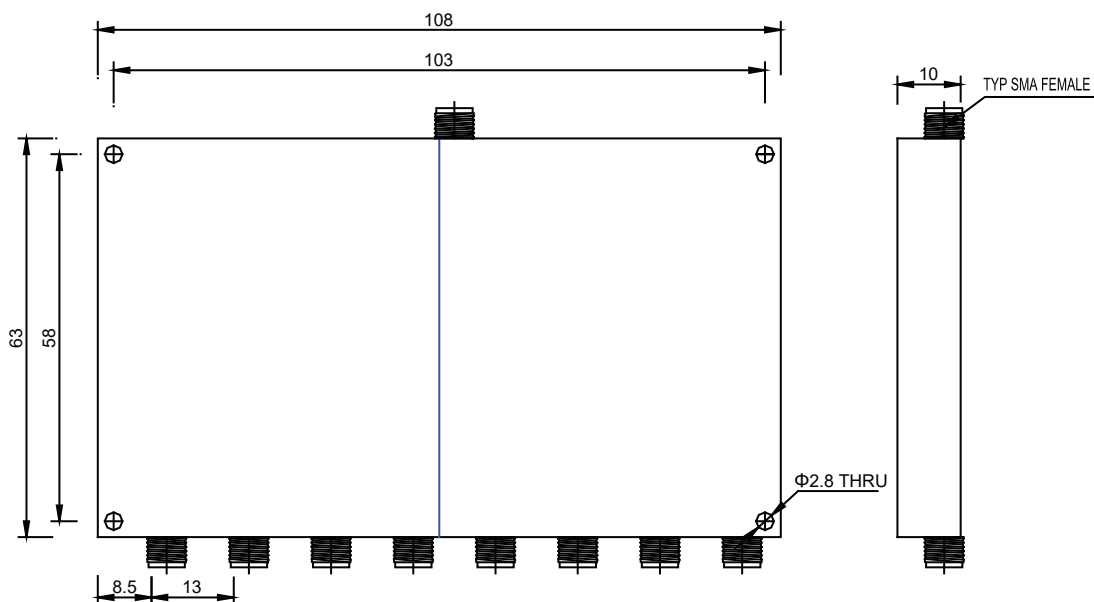


8-WAY WIDE BAND POWER DIVIDER

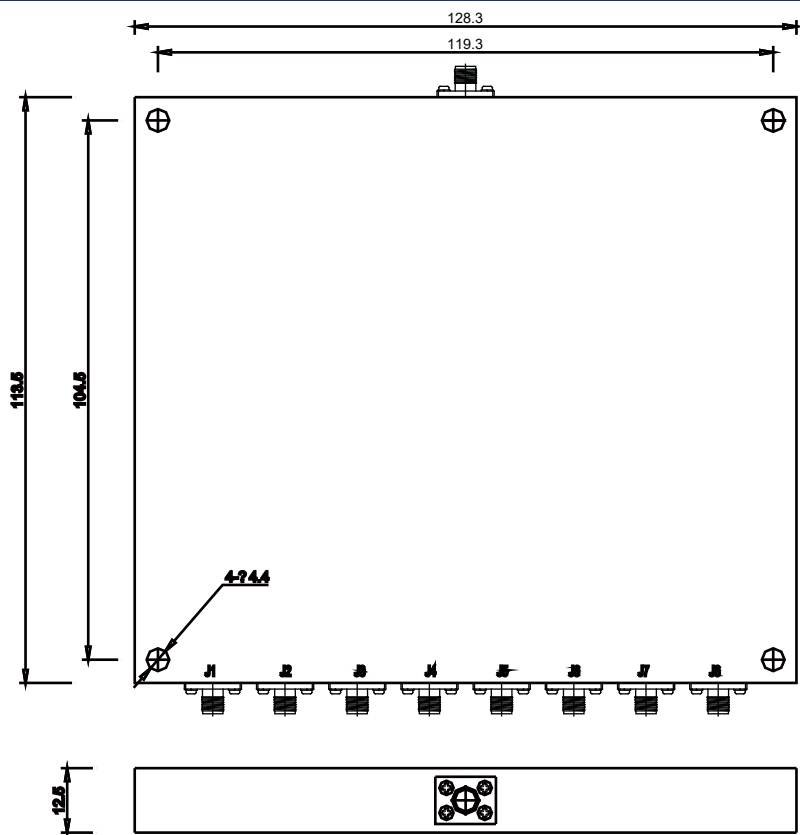
Part Number	Frequency Range (GHz)	Isolation (dB.Max)	Insertion Loss (dB)	VSWR Input (Max)	VSWR Output (Max)	Phase Balance (deg.Max)	Amplitude Balance (dB.Max)	Power Handling (W.Avg)	Way	Case Type
MPD040180S8M	4-18	15	2.5	1.8	1.6	10	0.8	20	8	8D1/8D2
MPD040180S8H	4-18	15	2.5	1.8	1.6	6	0.5	30	8	8D1/8D2
MPD040180S8I	4-18	15	2.5	1.8	/	10	0.6	10	8	8D6
MPD042052S8L	4.2-5.2	20	0.9	1.4	/	5	0.4	20	8	8D1/8D2
MPD047051S8L	4.7-5.1	18	1.2	1.4	1.3	5	0.5	30	8	8D2
MPD051059N8M	5.1-5.9	18	1.5	1.5	/	7	0.7	30	8	8D1/8D2
MPD051059S8M	5.1-5.9	20	1	1.4	/	5	0.5	30	8	8D2
MPD060180S8A	6-18	16	1.8	1.5	1.4	5	0.5	30	8	8D29
MPD060180S8M	6-18	16	2.2	1.8	/	10	0.8	20	8	8D11
MPD060180S8L	6-18	16	2.2	1.8	/	10	0.8	20	8	8D13
MPD060180S8H	6-18	16	2	1.6	/	10	0.5	20	8	8D20
MPD080120S8M	8-12	17	1.2	1.5	/	6	0.4	10	8	8D16
MPD080160S8L	8-16	16	2.2	1.8	/	10	0.8	20	8	8D5
MPD100400S8M	10-40	14	3.5	1.9	1.6	10	0.8	20	8	8D30
MPD150180S8L	15-18	16	1.6	1.5	1.4	5	0.5	30	8	8D29
MPD258262S8L	25.8-26.2	16	3	1.8	1.6	10	1	20	8	8D30



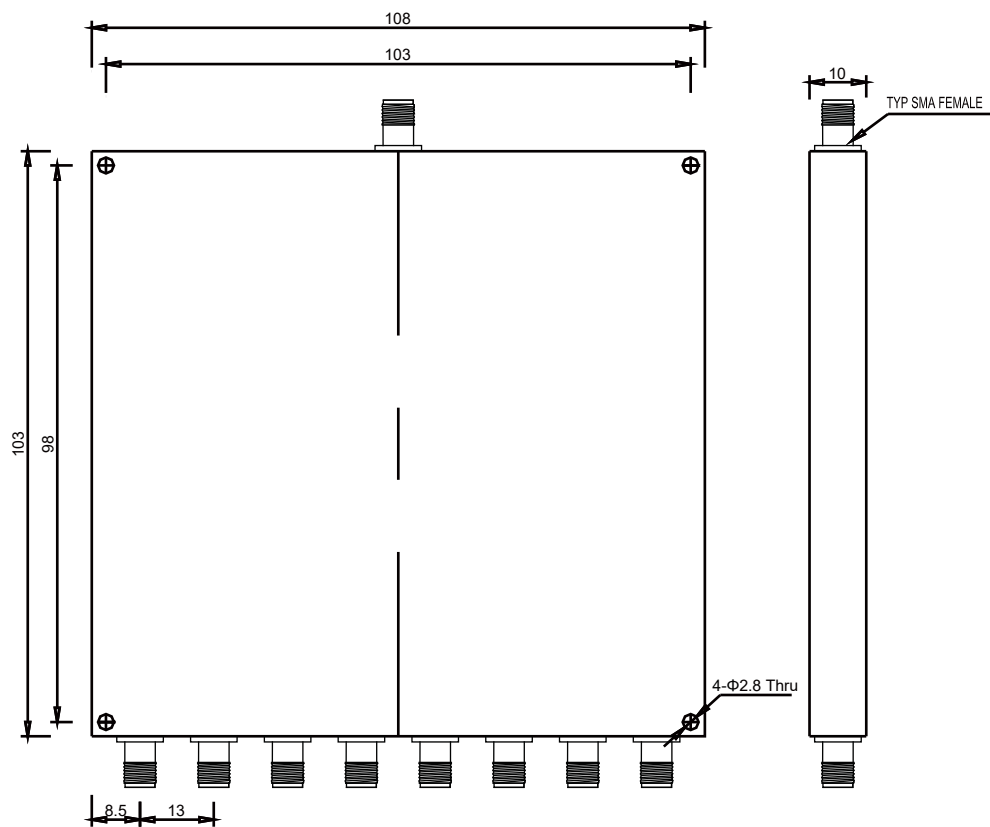
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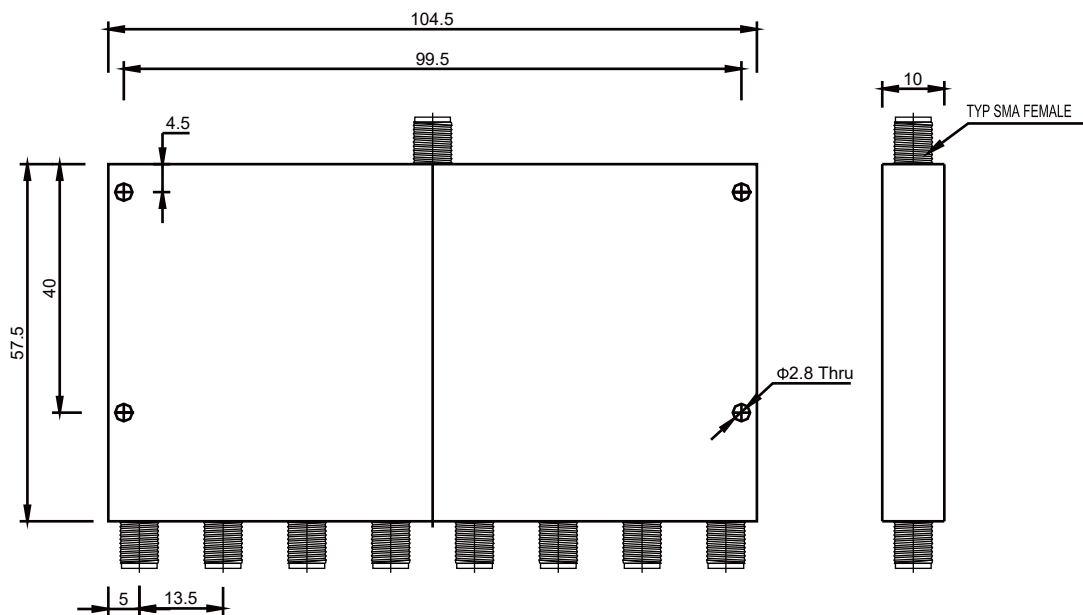
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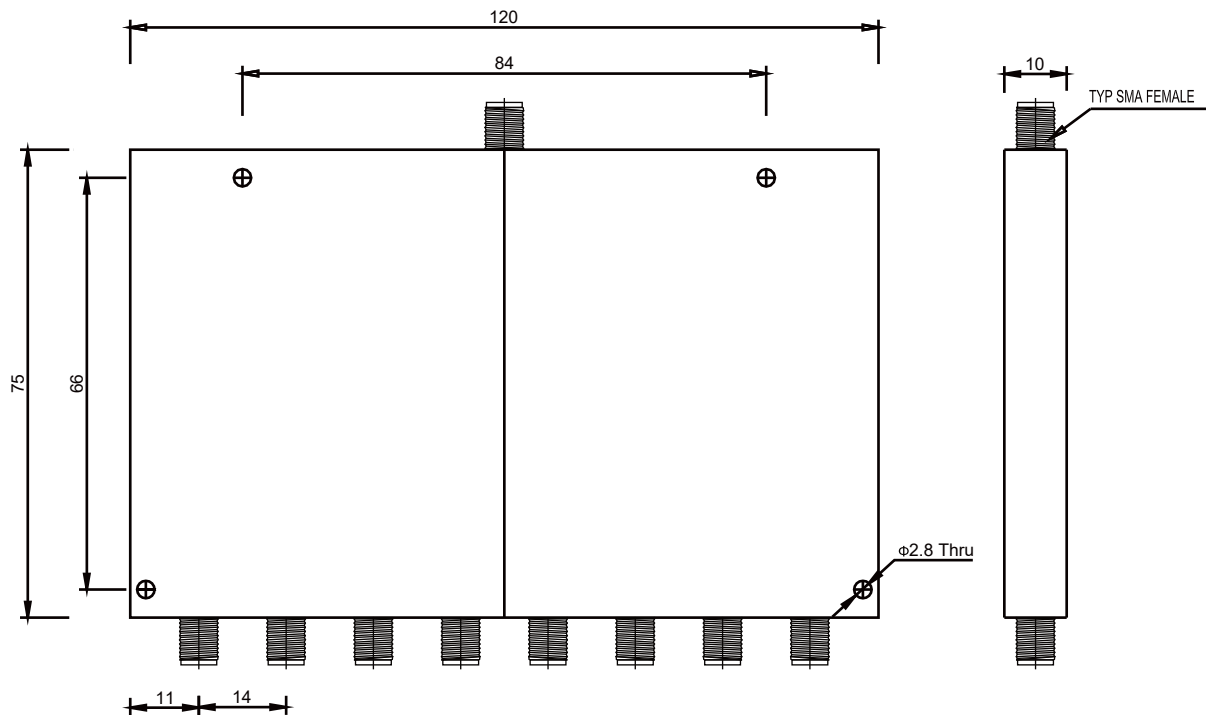
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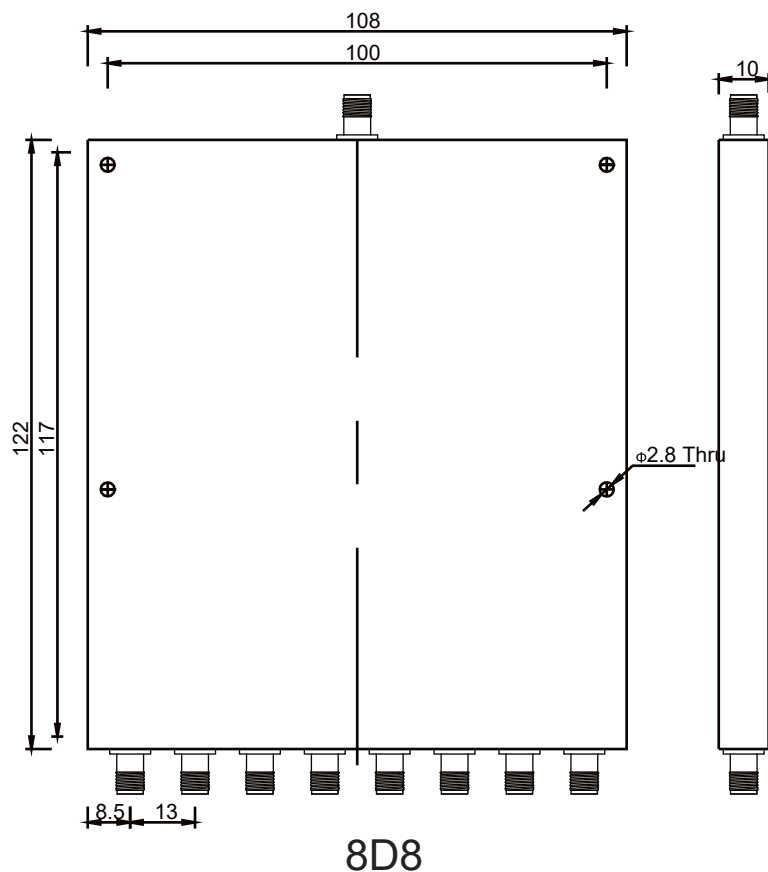
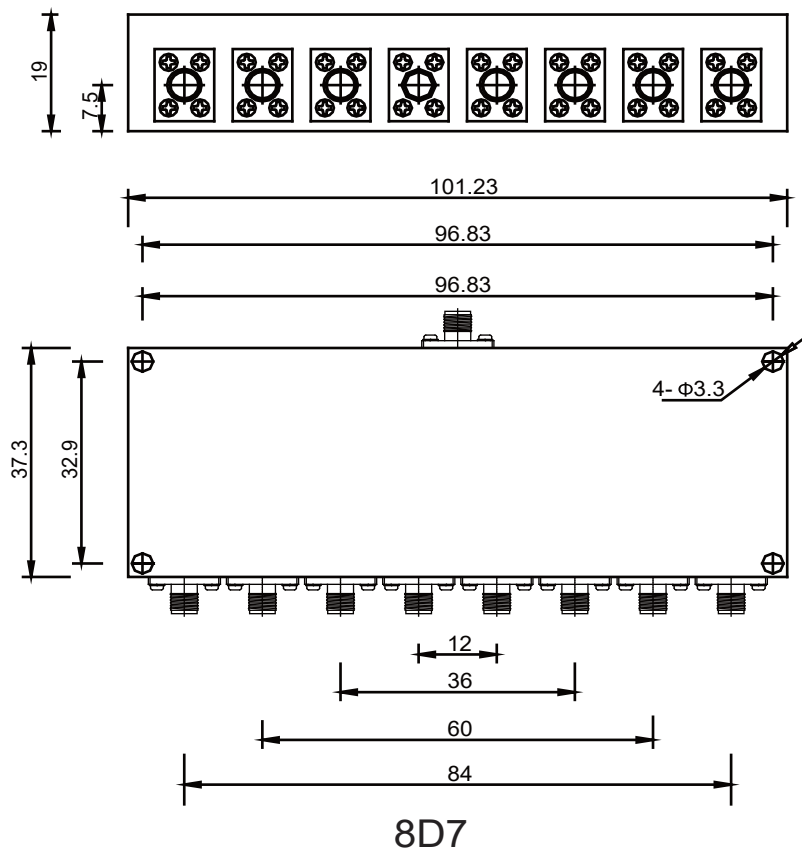
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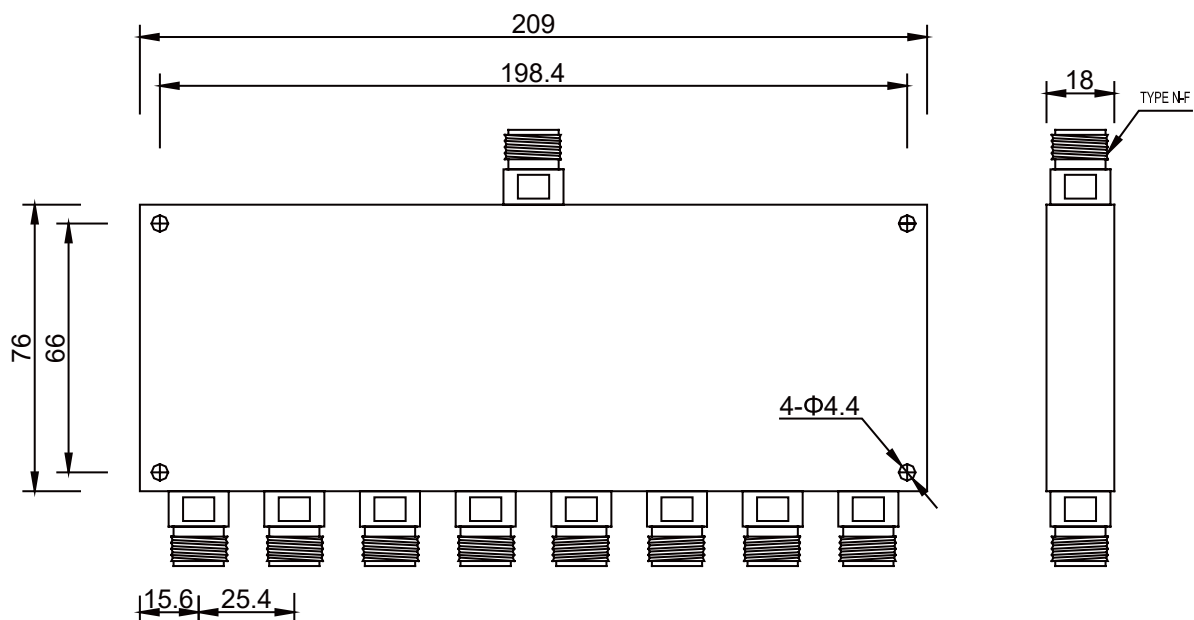


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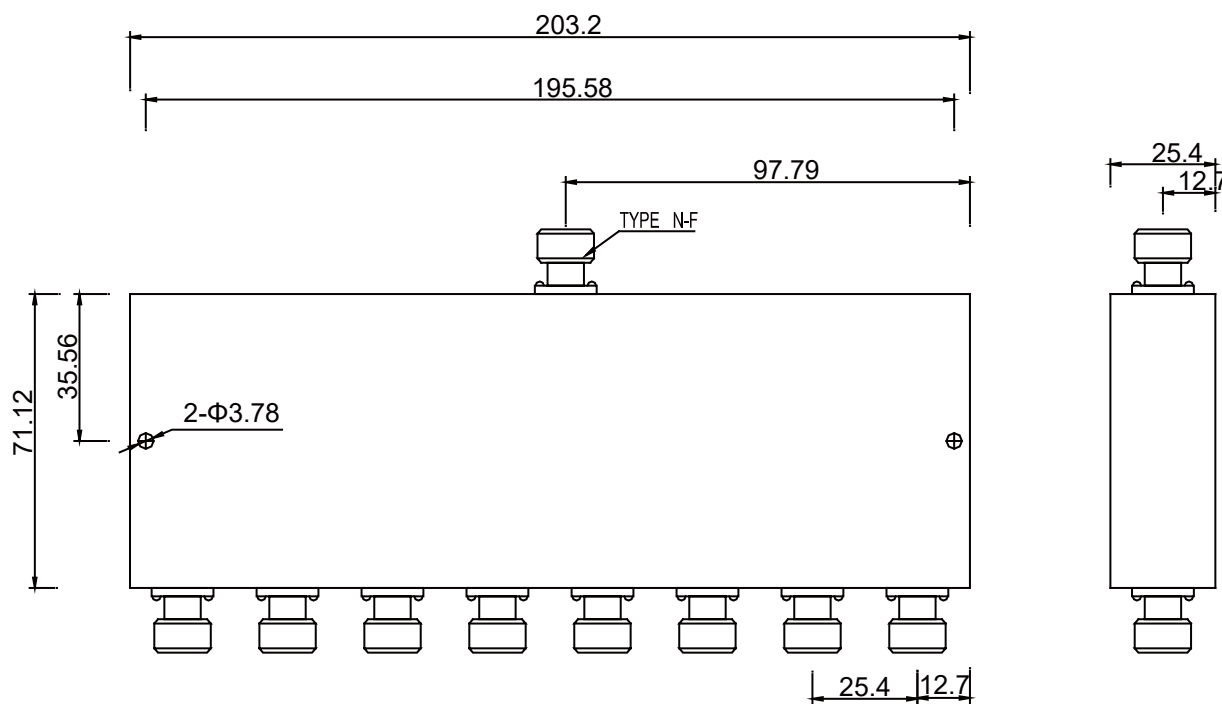


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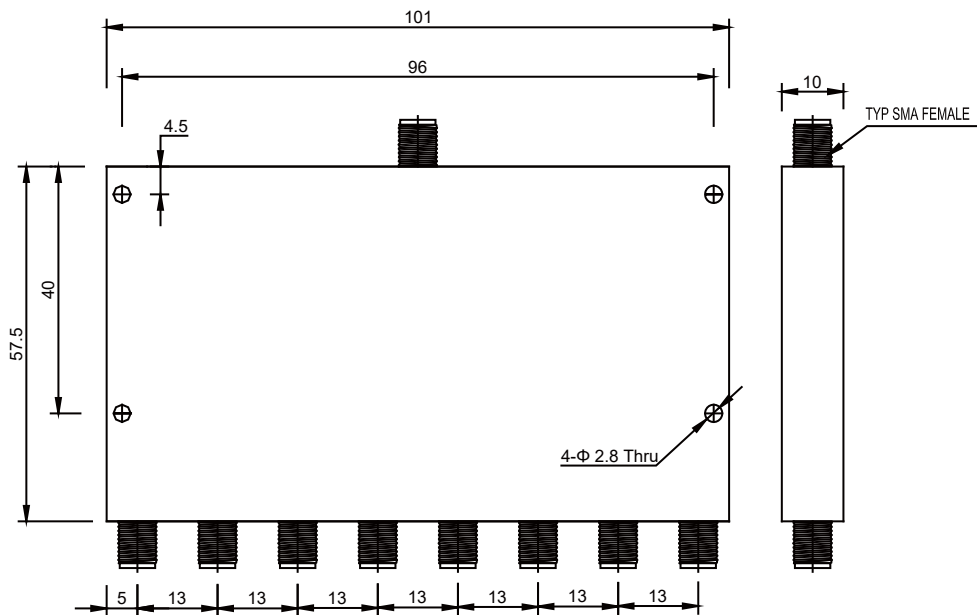




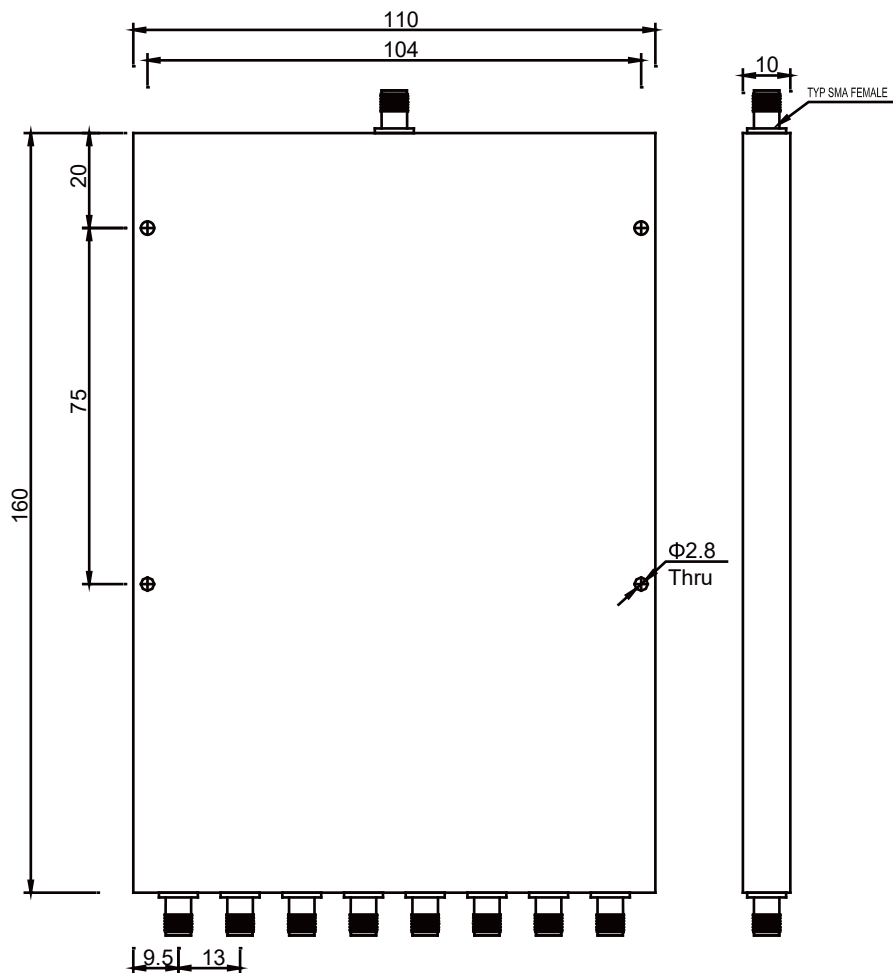
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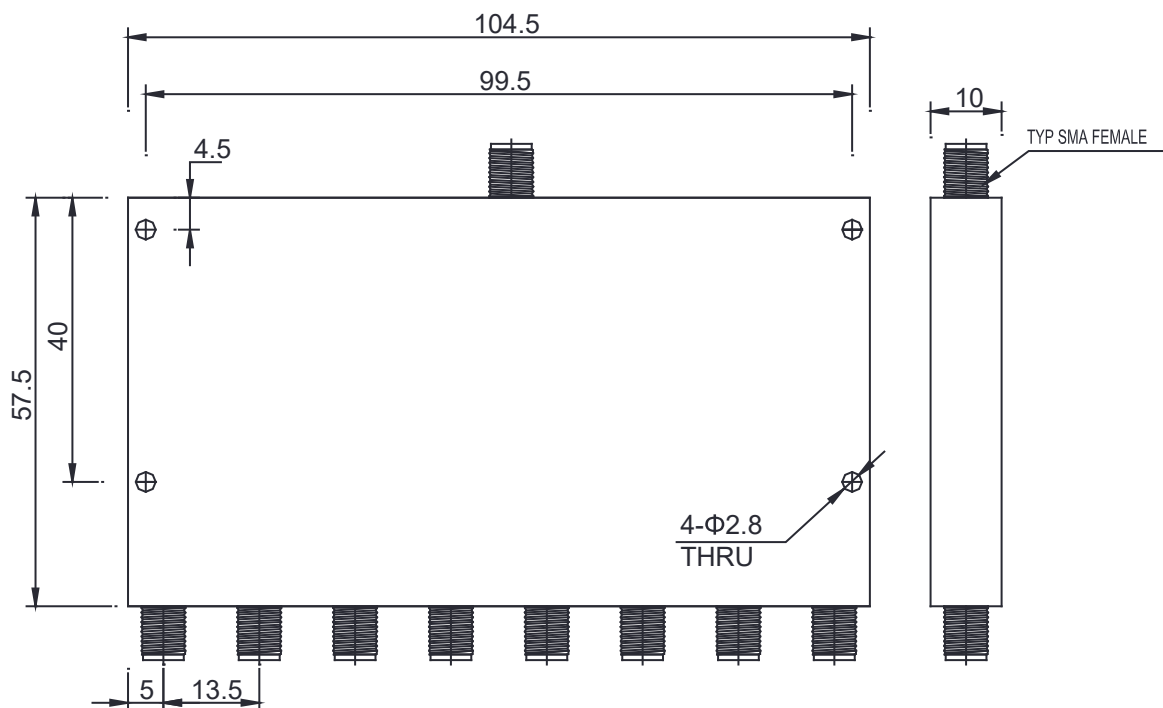
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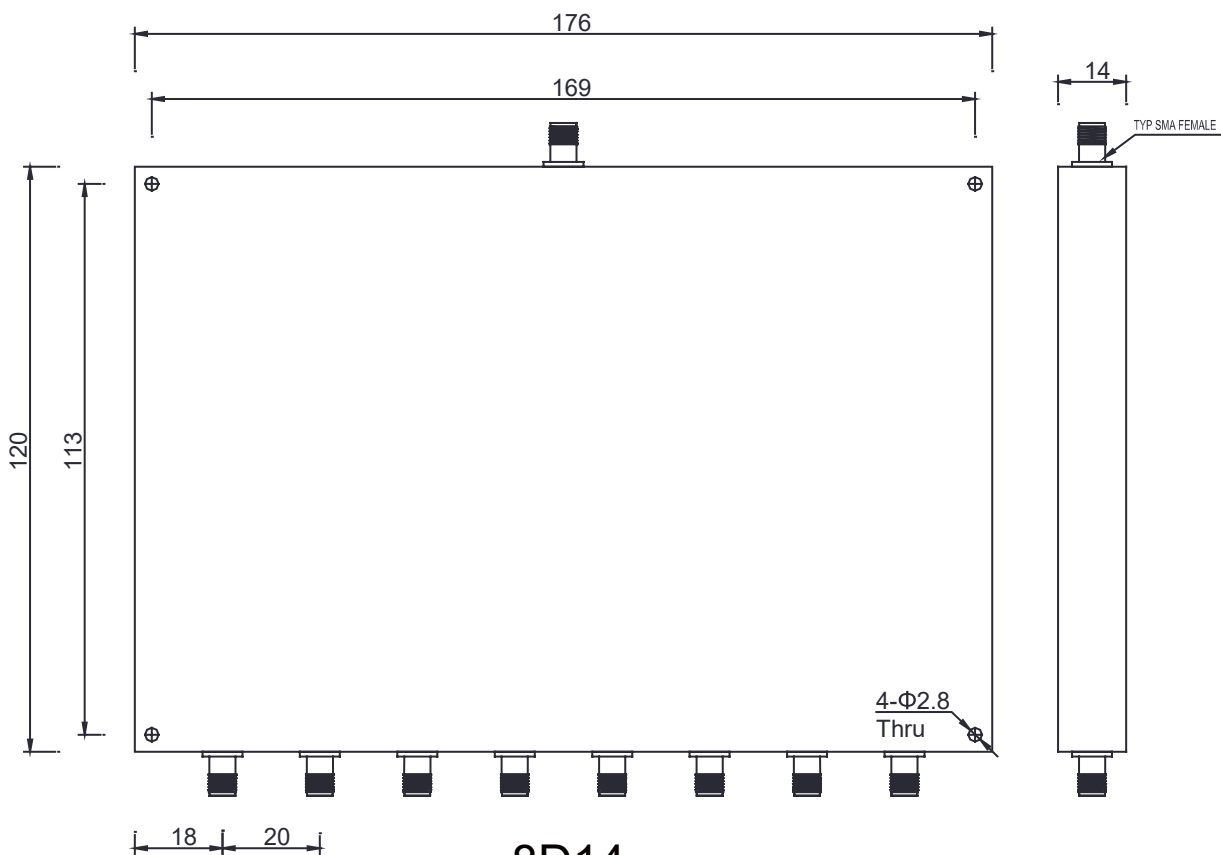
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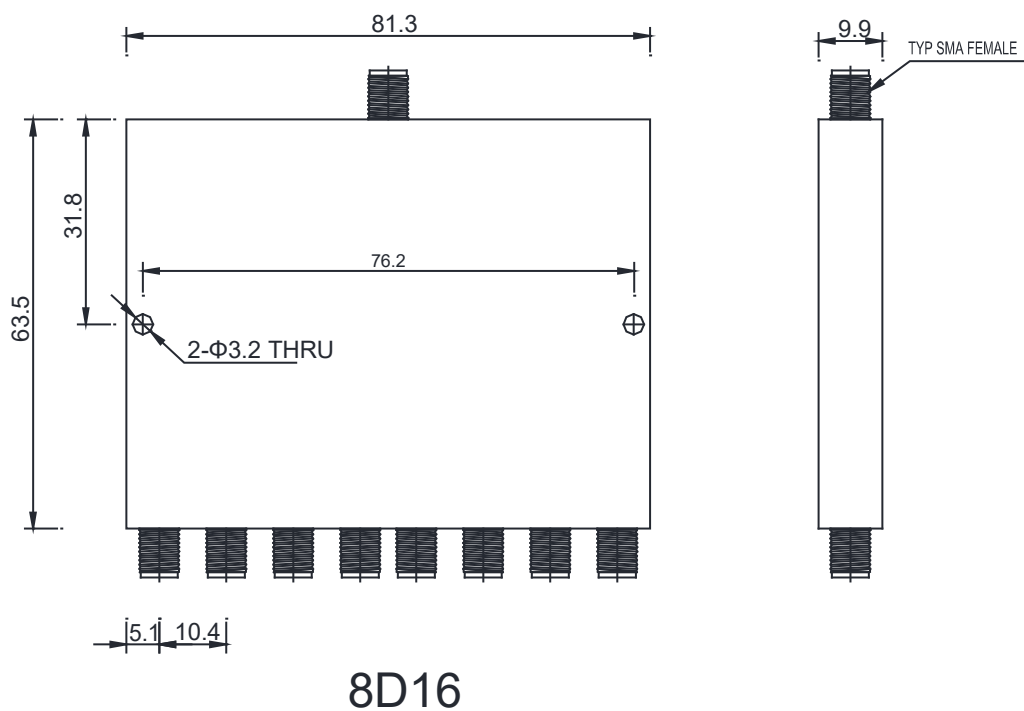
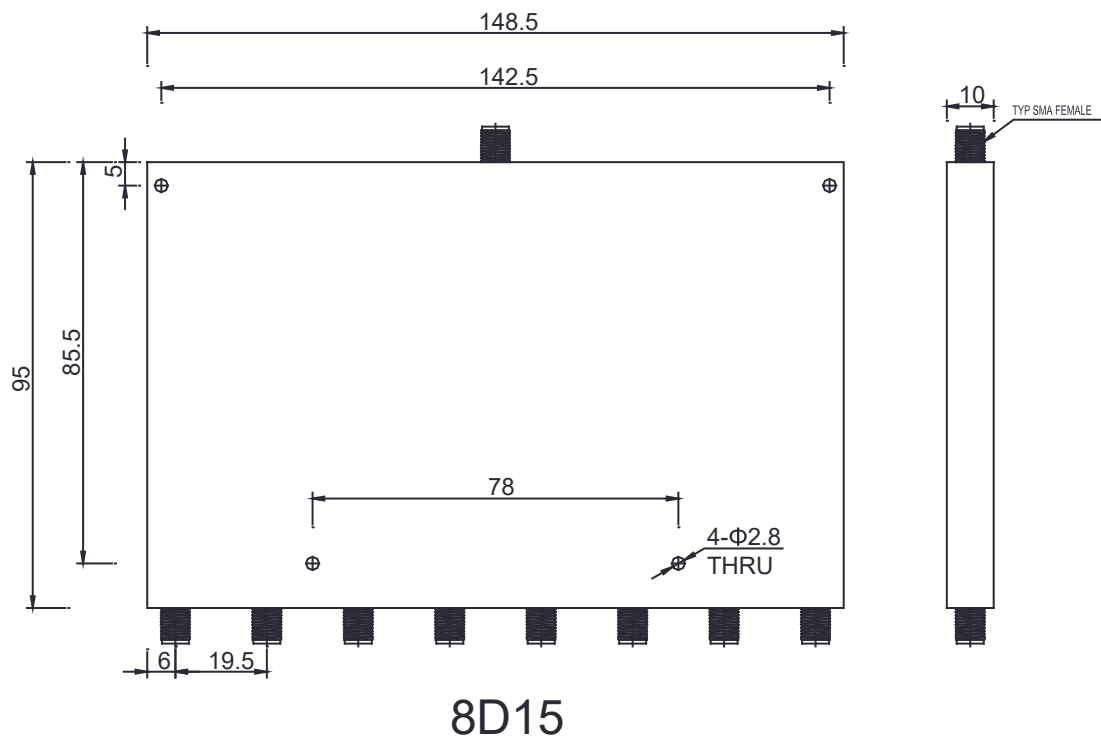
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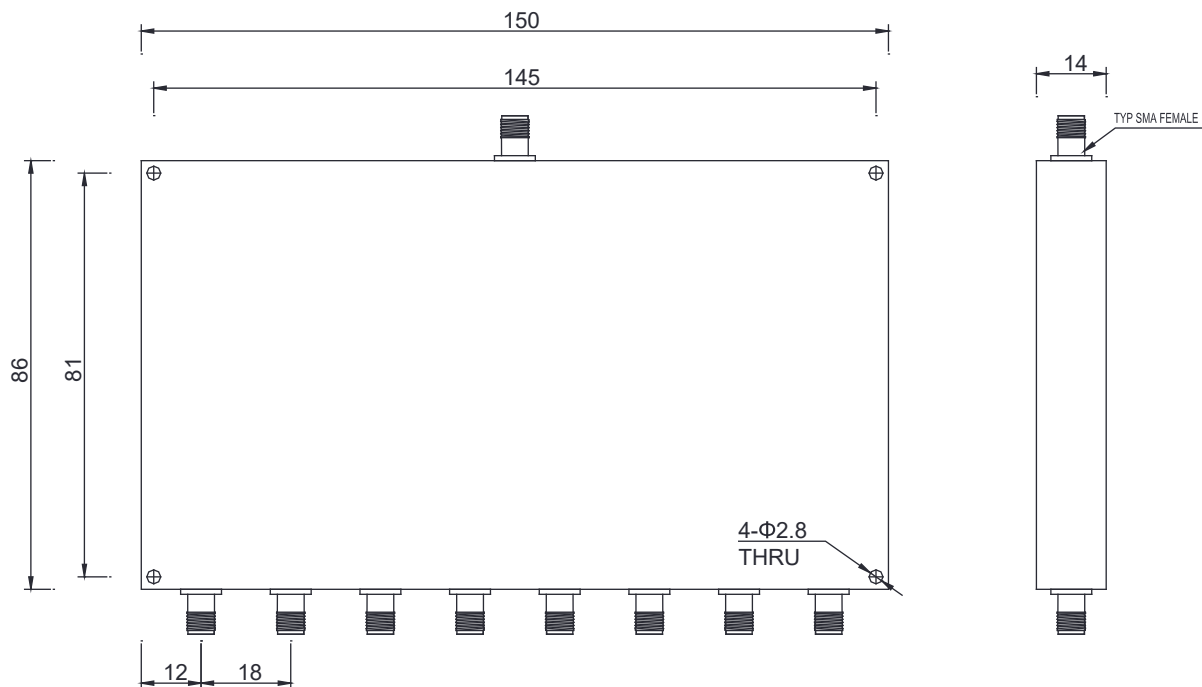


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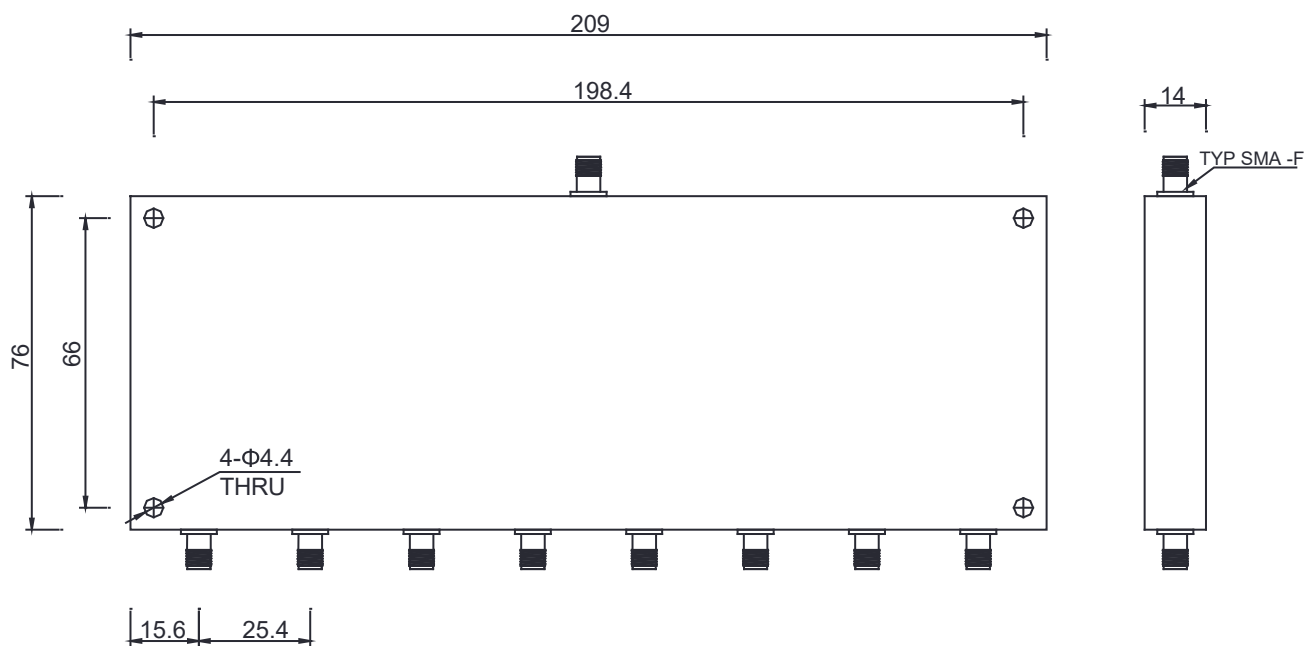


8D14

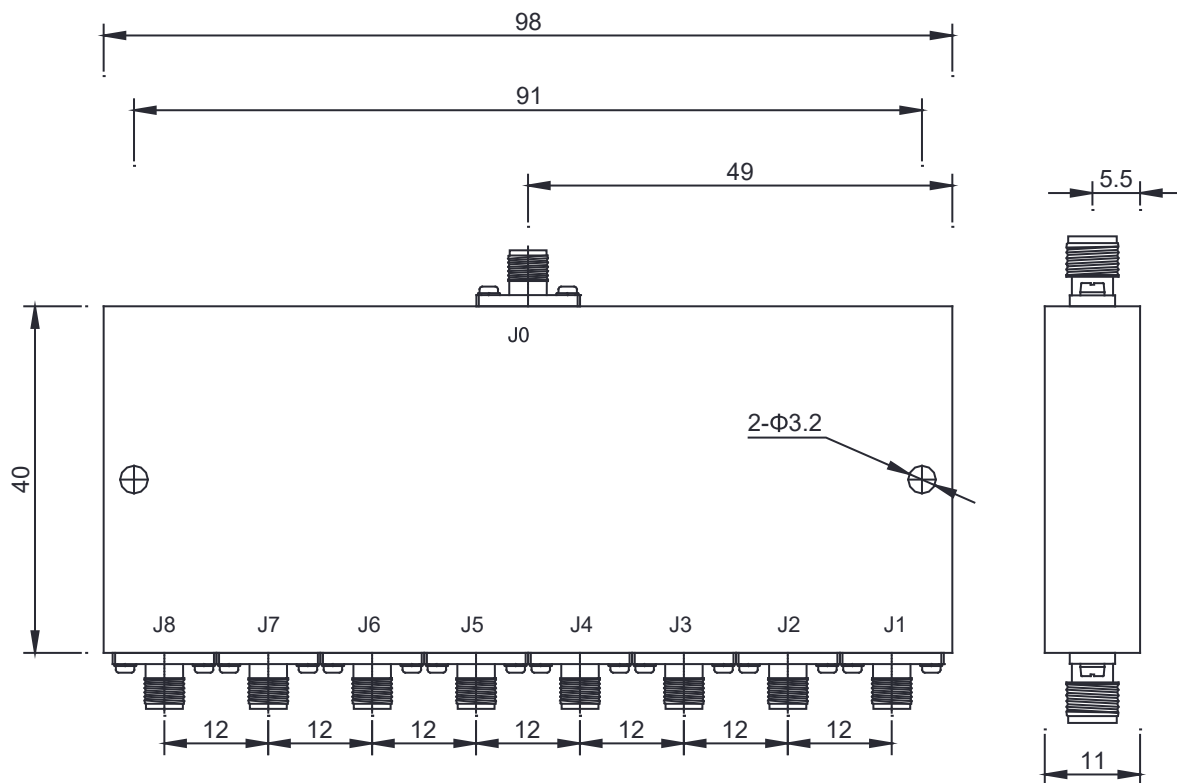




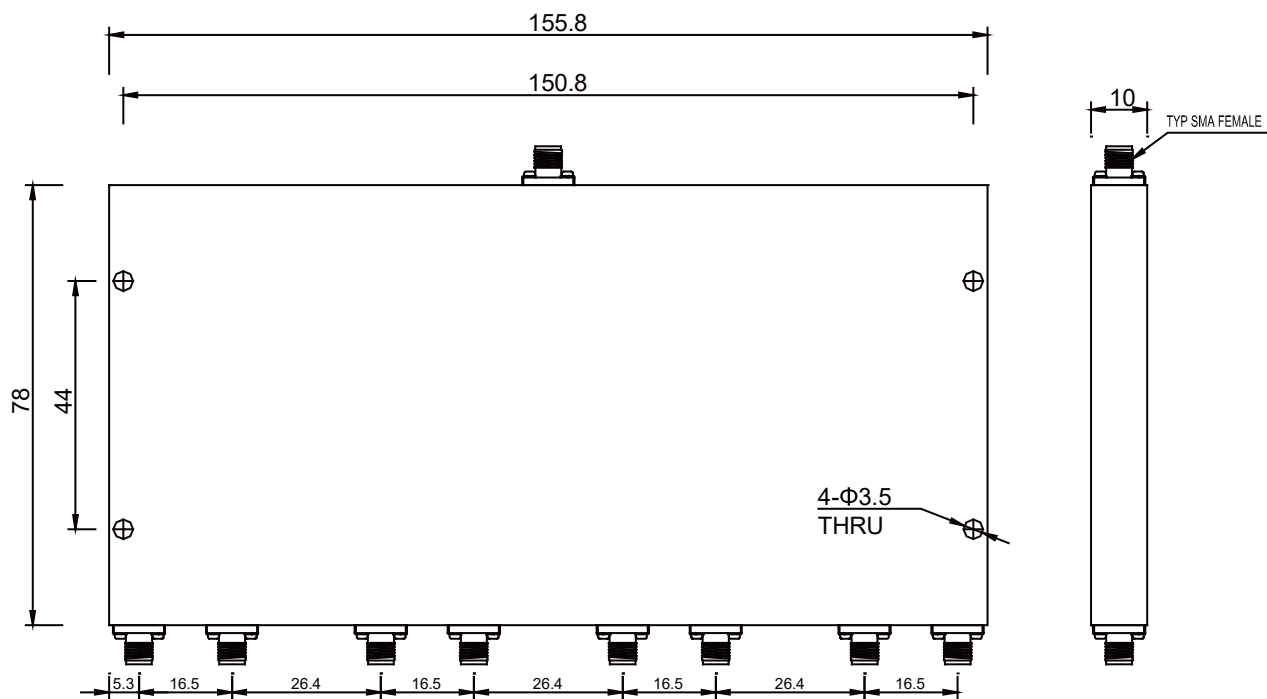
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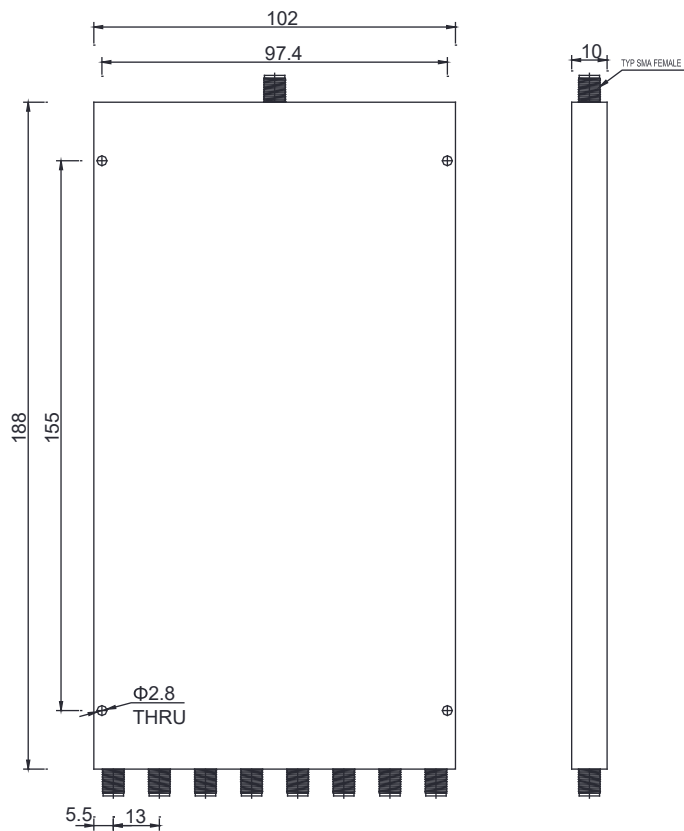
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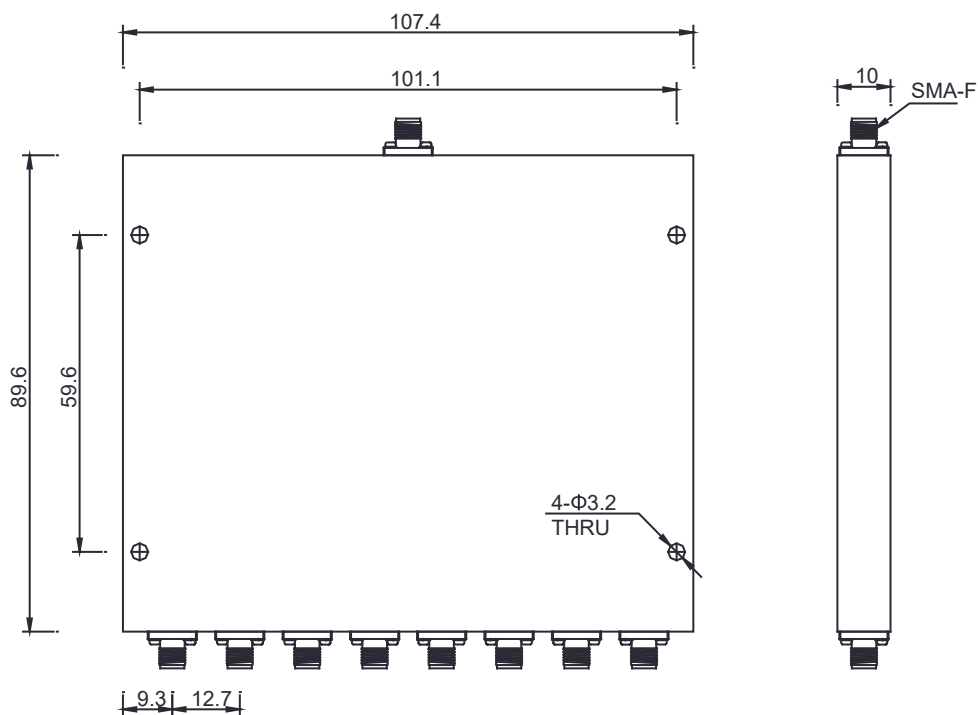
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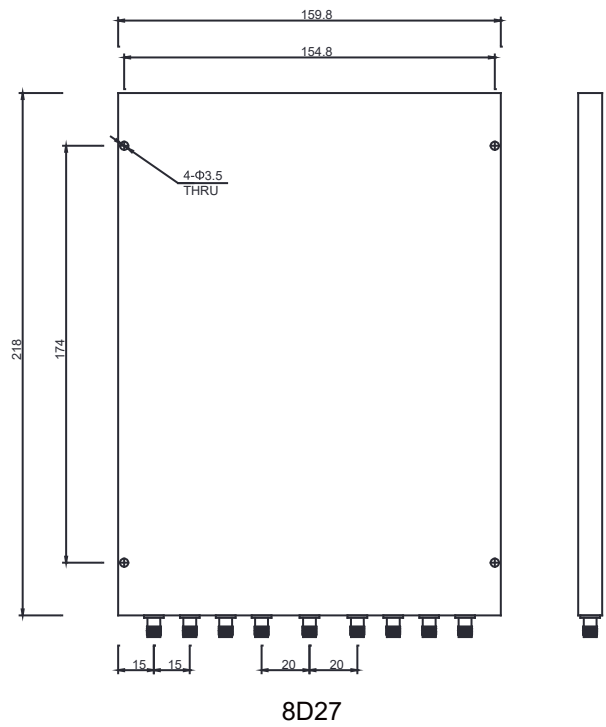
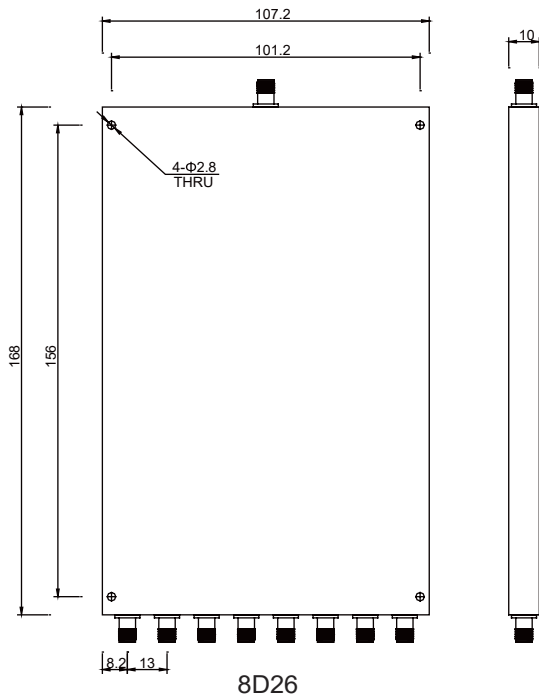
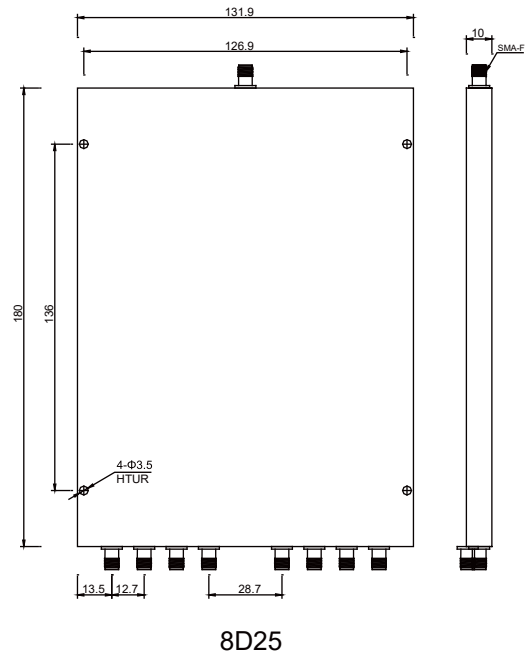
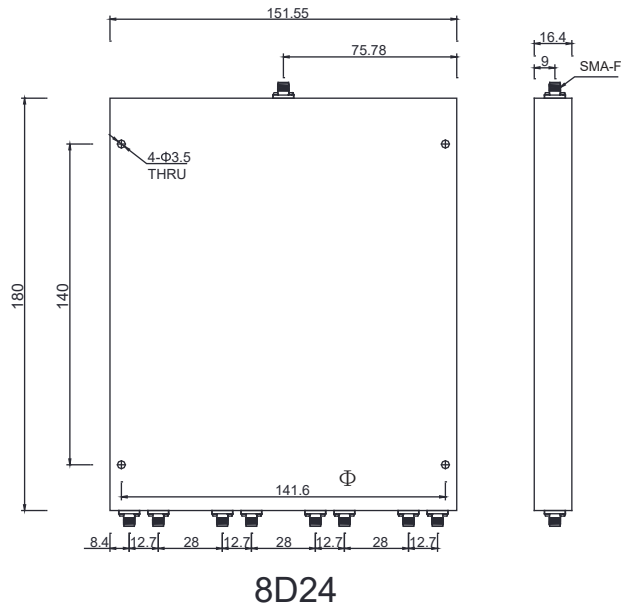
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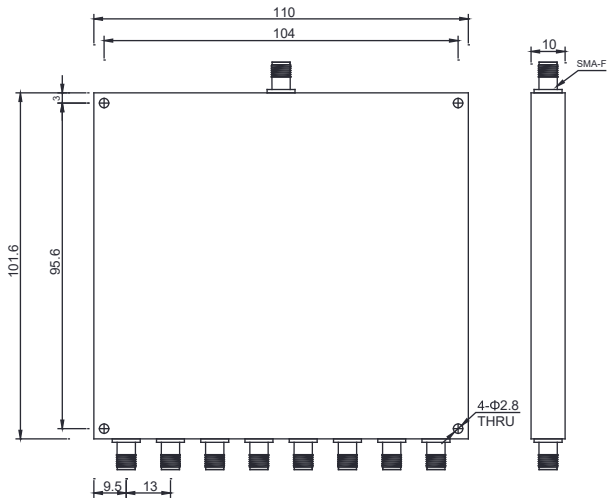


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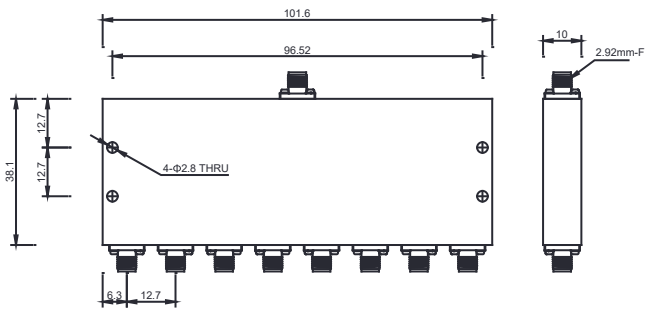


8D23

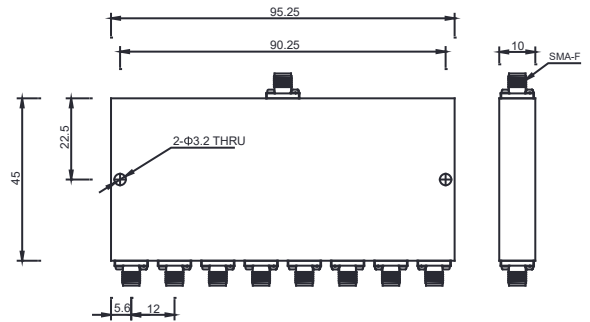




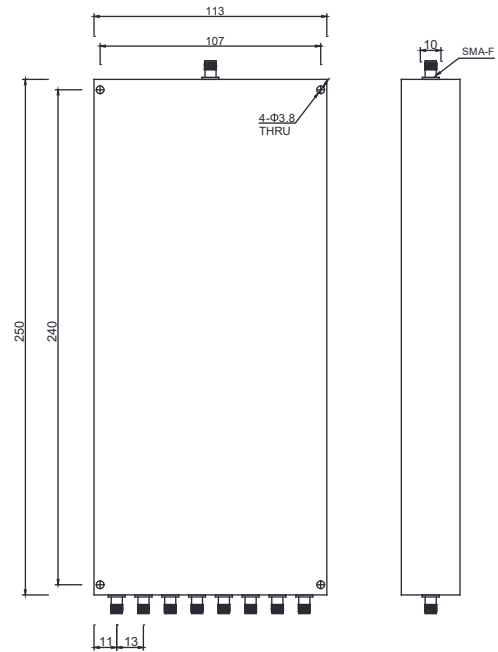
8D28



8D30



8D29



8D31