

FEATURES

- LOW Cost, High Quality
- Compact Size, Light Weight
- High Performance
- Wide Operation Temperature Range
- Octave and Multi-octave Bands

APPLICATIONS

- Load isolation
- Module integration



SPECIFICATIONS@25°C:

Part Number	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°c)	Power Handling (W.FWD)	Case Type
WIR053081G	5.38-8.18	280	0.3	23	1.2	-40~+85	/	WR20
WIR065100G	6.58-10	342	0.3	23	1.2	-40~+85	/	WR21
WIR071074F	7.1-7.4	Full	0.3	23	1.2	-15~+65	/	WR02
WIR077084A	7.7-8.4	Full	0.4	20	1.25	-15~+65	/	WR02
WIR082100G	8.2-10	430	0.3	23	1.2	-40~+85	/	WR04
WIR082102F	8.2-10.2	Full	0.4	18	1.3	-15~+65	30	WR04
WIR086095F	8.6-9.5	Full	0.3	30	/	-15~+65	/	WR29
WIR086096A	8.6-9.6	Full	0.3	23	1.15	-15~+65	30	WR26
WIR090095F	9.0-9.5	Full	0.3	25	1.2	-15~+65	30	WR04
WIR090096F	9-9.6	Full	0.4	23	1.2	-15~+65	500 Peak	WR26
WIR090096H	9-9.6	Full	0.4	20	1.25	-15~+65	1000 Peak	WR26
WIR090100F	9-10	Full	0.3	22	1.2	-15~+65	10	WR04
WIR093094F	9.36-9.46	Full	0.2	35	1.1	-15~+65	30	WR04
WIR096101B	9.65-10.15	Full	0.25	23	1.2	-15~+65	/	WR04
WIR098150G	9.84-15	516	0.3	23	1.2	-40~+85	/	WR05
WIR102122F	10.2-12.2	Full	0.4	20	1.25	-15~+65	30	WR04
WIR10565M	10.35-10.78	Full	0.3	23	1.2	-15~+65	50	WR04
WIR105125F	10.5-12.5	Full	0.4	20	1.25	-15~+65	30	WR04
WIR1191800G	11.9-18	610	0.3	23	1.2	-40~+85	/	WR06
WIR130150F	13-15	Full	0.4	20	1.25	-15~+65	30	WR06
WIR140145F	14-14.5	Full	0.3	23	1.2	-15~+65	30	WR06
WIR143150F	14.3-15	Full	0.4	21	20dB	-15~+65	10	WR17
WIR143147F	14.3-14.7	Full	0.25	23	1.2	-15~+65	300 Peak	WR49



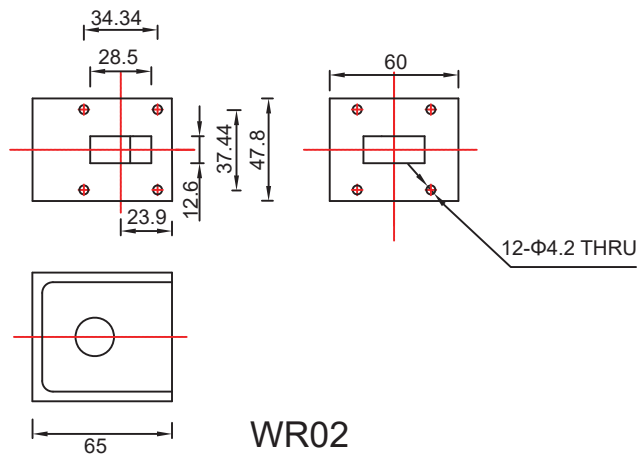
WAVEGUIDE CIRCULATOR

Part Number	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°c)	Power Handling (W.FWD)	Case Type
WIR14301150A	14.3-15.45	Full	0.4	20	1.25	-15~+65	20	WR18
WIR145220G	14.5-22	750	0.3	20	1.2	-40~+85	/	WR07
WIR145220B	14.5-22	Full	0.3	23	1.15	-15~+65	30	WR07
WIR14586250A	14.586-14.836	Full	0.3	25	1.15	-15~+65	10	WR06
WIR1480650A	14.8-15.45	Full	0.4	21	20dB	-15~+65	10	WR17
WIR150155F	15-15.5	Full	0.4	23	1.25	-15~+65	200 Peak	WR49
WIR155165F	15.5-16.5	Full	0.3	23	1.25	-15~+65	30	WR06
WIR160170F	16-17	Full	0.3	23	1.25	-15~+65	30	WR06
WIR176267G	17.6-26.7	910	0.4	20	1.2	-40~+85	/	WR08
WIR176267B	17.6-26.7	Full	0.4	20	1.25	-15~+65	30	WR08
WIR177197A	17.7-19.7	Full	0.5	20	20dB	-15~+65	5	WR16
WIR212236B	21.2-23.6	Full	0.5	20	20dB	-15~+65	5	WR16
WIR212236A	21.2-23.6	Full	0.5	20	1.25	-15~+65	5	WR04
WIR212236F	21.2-23.6	Full	0.5	20	20dB	-40~+80	5	WR16
WIR217330G	21.7-33	904	0.4	20	1.2	-40~+85	/	WR22
WIR231251A	23.1-25.1	Full	0.4	20	1.25	-15~+65	30	WR08
WIR231251F	23.1-25.1	Full	0.4	20	1.25	-40~+85	30	WR08
WIR24502165A	24.5-26.765	Full	0.5	20	20dB	-15~+65	5	WR16
WIR264401G	26.4-40.1	680	0.4	20	1.25	-40~+85	/	WR03
WIR264401GB	26.4-40.1	680	0.4	20	1.25	-40~+85	/	WR09
WIR265293F	26.5-29.3	Full	0.5	19	1.25	-20~+60	15	WR28
WIR265324F	26.5-32.4	Full	0.6	17	1.3	-20~+60	7.5	WR28
WIR265400F	26.5-40	Full	0.6	17	1.3	-20~+60	7.5	WR28
WIR270295F	27-29.5	Full	0.5	18	18dB	-15~+65	5	WR09
WIR279309F	27.9-30.9	Full	0.5	19	1.25	-20~+60	15	WR28
WIS294325F	29.4-32.5	Full	0.5	19	1.25	-20~+60	15	WR28
WIR294360F	29.4-36	Full	0.6	17	1.3	-20~+60	7.5	WR28
WIR310343F	31-34.3	Full	0.5	19	1.25	-20~+60	15	WR28
WIR326361F	32.6-36.1	Full	0.5	19	1.25	-20~+60	15	WR28
WIR327400F	32.7-40	Full	0.6	17	1.3	-20~+60	7.5	WR28
WIR330501G	33-50.1	855	0.4	20	1.25	-40~+85	/	WR10
WIR340360F	34-36	Full	0.4	20	1.25	-15~+65	30	WR48
WIR343380F	34.3-38	Full	0.5	19	1.25	-20~+60	15	WR28

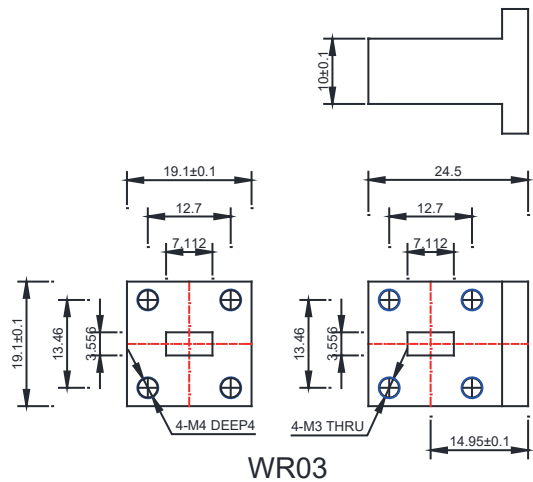


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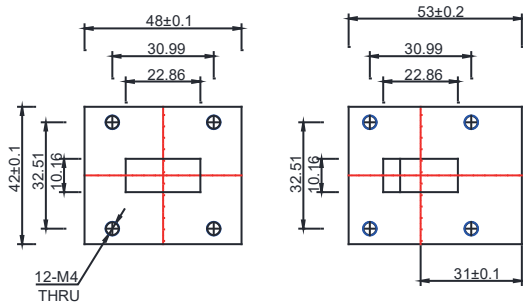
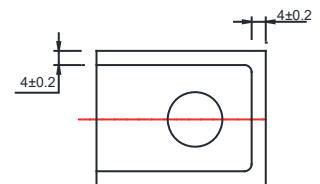
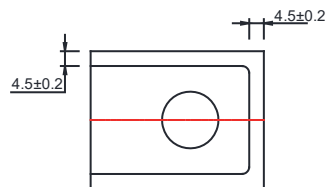
Part Number	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°c)	Power Handling (W.FWD)	Case Type
WIR34962M	34.62-35.305	Full	0.4	20	1.25	-15~+65	10	WR09
WIR362400F	36.2-40	Full	0.5	19	1.25	-40~+85	15	WR28
WIR370400A	37-40	Full	0.4	20	20dB	-15~+65	5	WR15
WIR393597G	39.3-59.7	816	0.4	20	1.25	-40~+85	/	WR11
WIR40267M	39.84-40.965	Full	0.4	20	1.25	-15~+65	/	WR10
WIR58476M	58.068-58.884	Full	0.6	18	1.5	-15~+65	/	WR50
WIR590610F	59-61	Full	0.7	18	1.3	-15~+65	/	WR25
WIR605920G	60.5-92	315	0.8	18	1.3	-40~+85	/	WR51
WIR7381120G	73.8-112	764	1	18	1.3	-40~+85	/	WR12
WIR940941A	94-94.1	Full	1	20	1.3	-15~+65	30	WR12



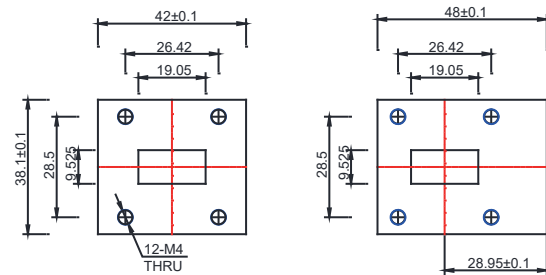
WR02



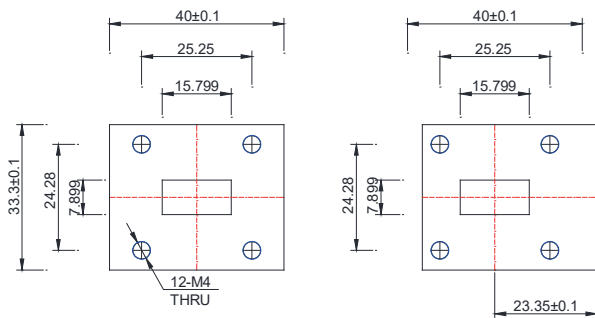
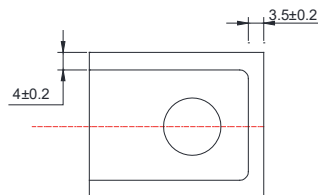
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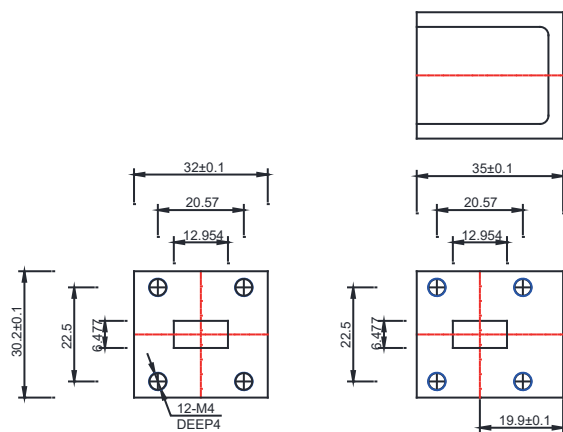
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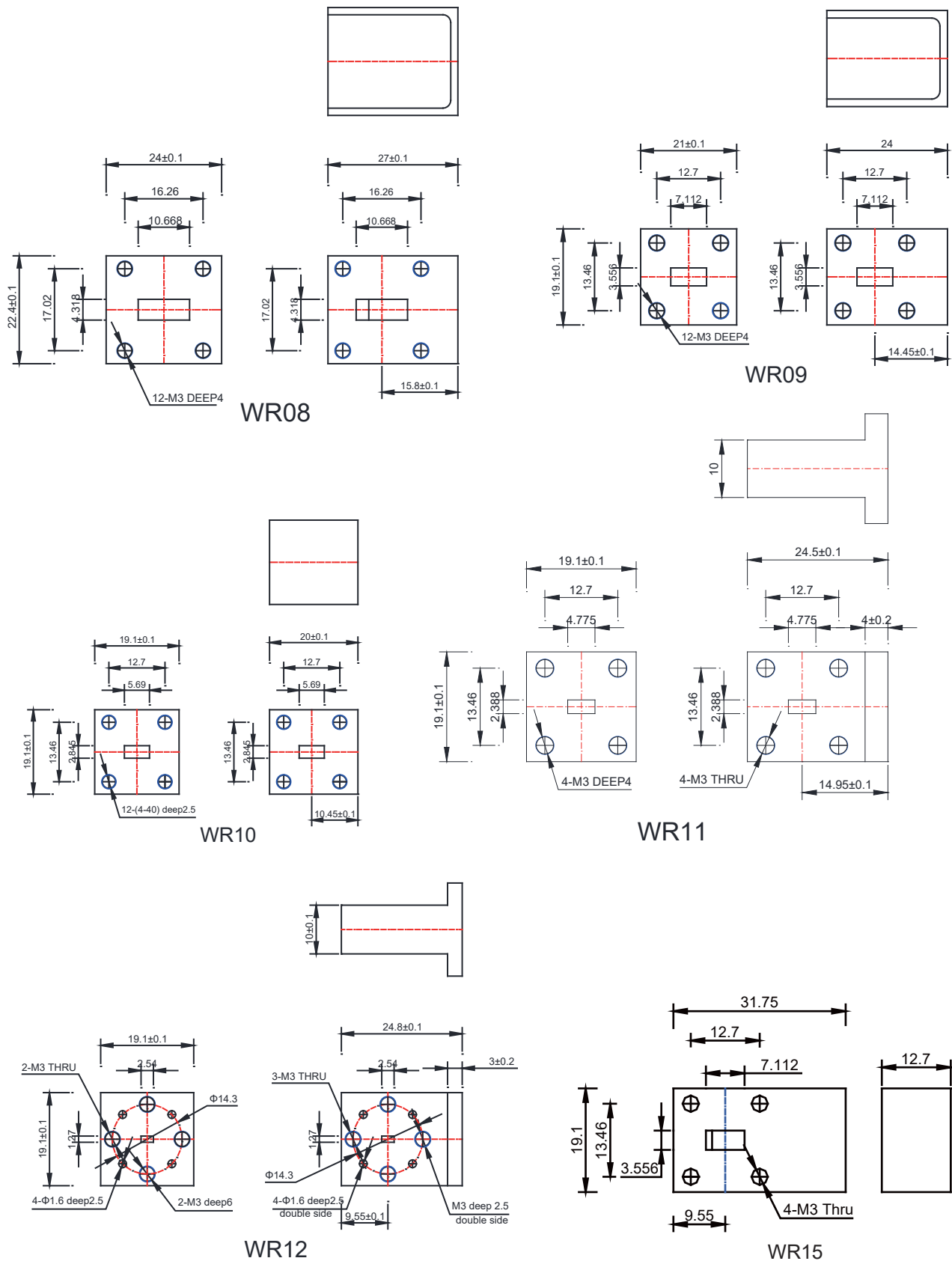
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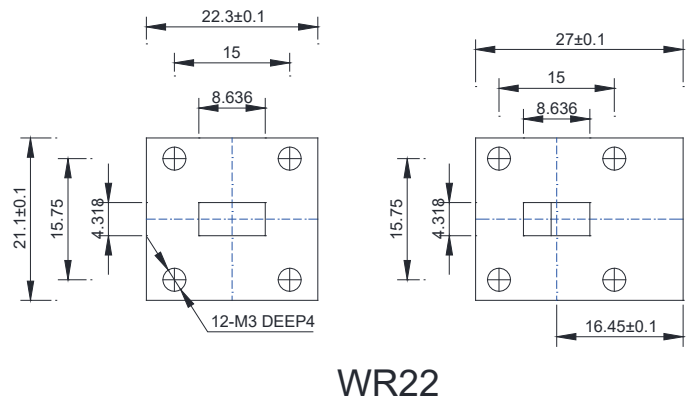
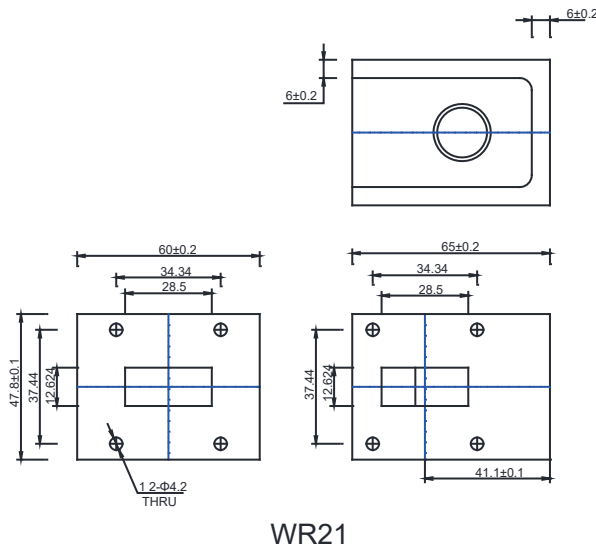
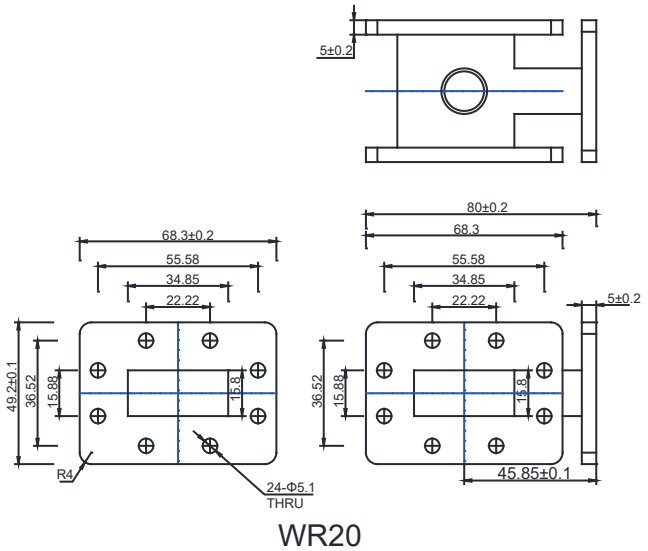
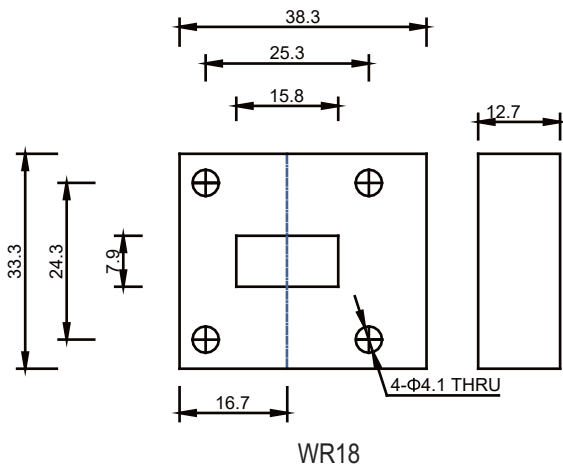
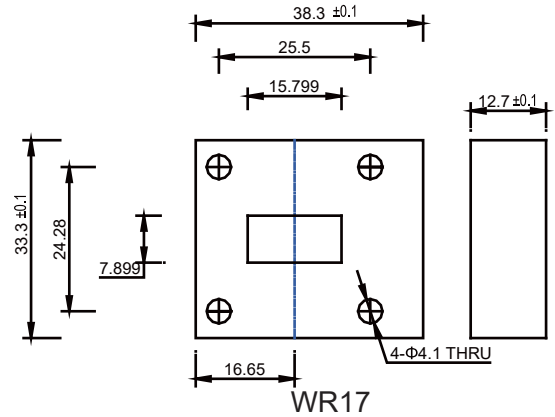
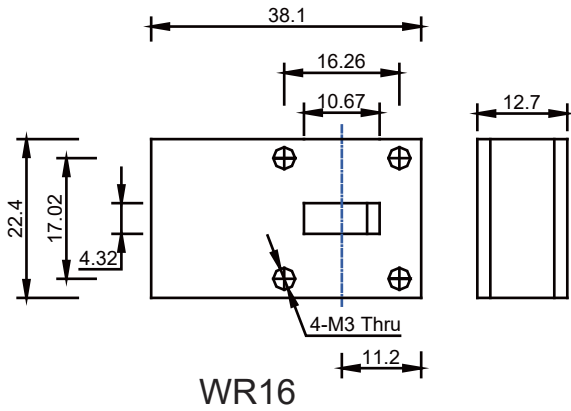


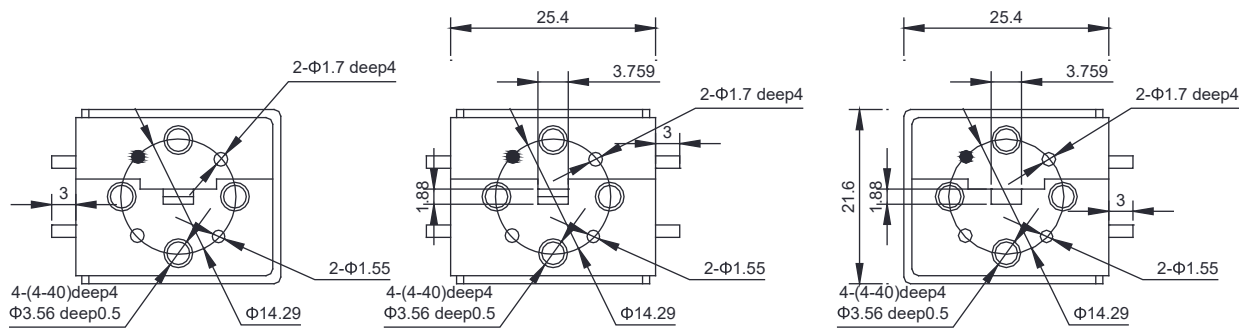
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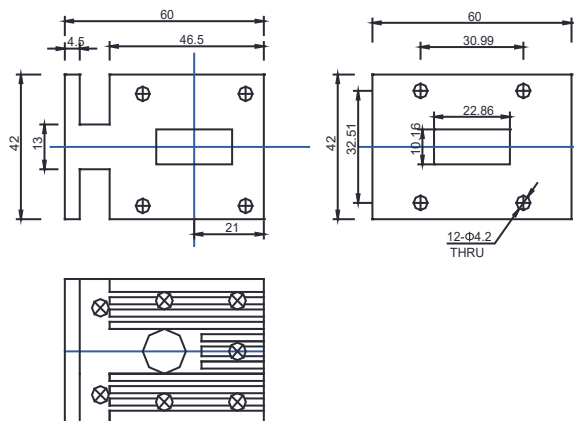
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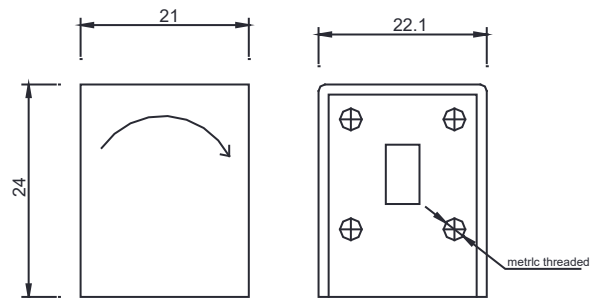




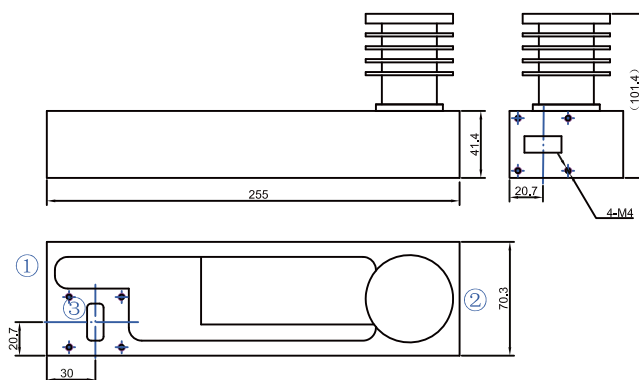
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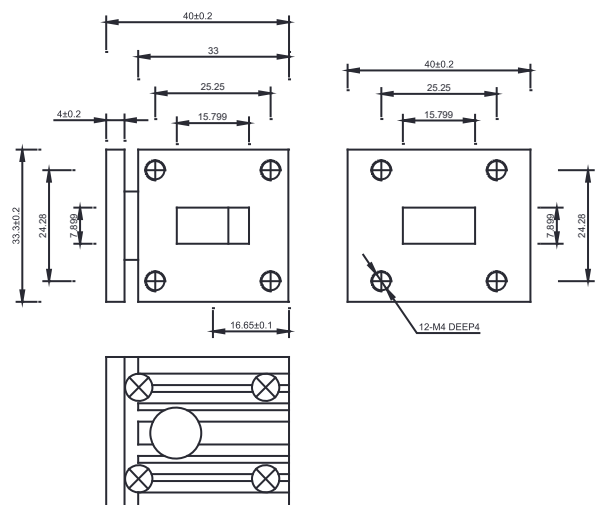
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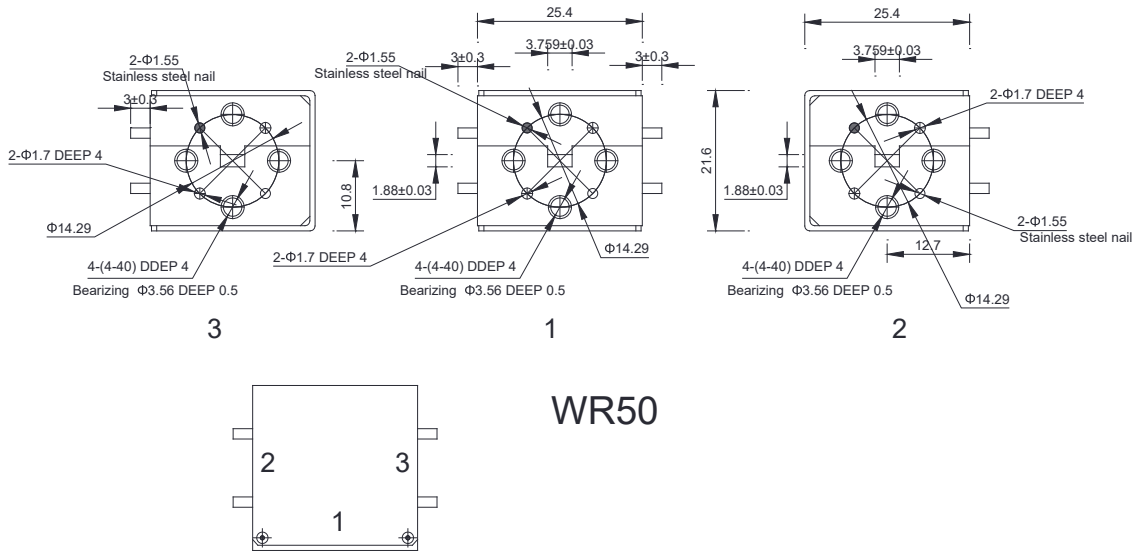
WR28



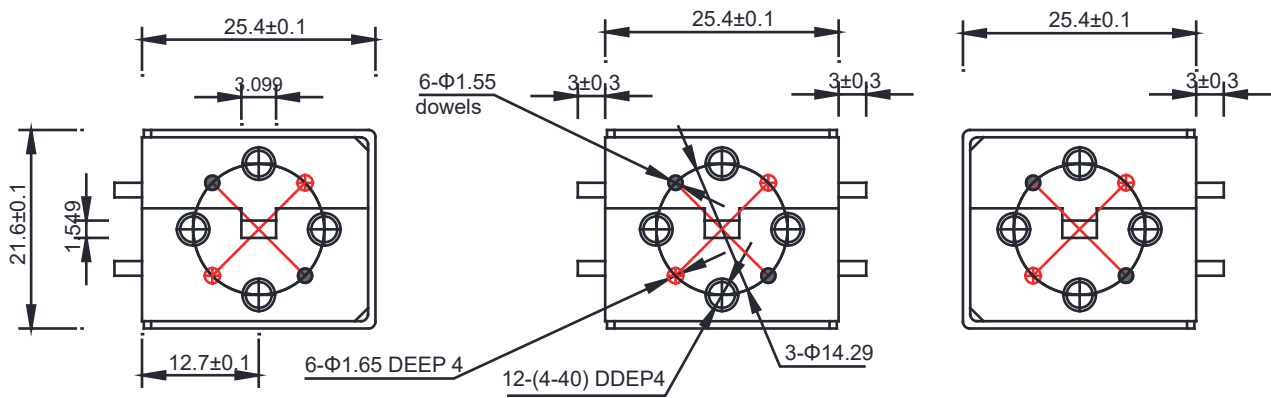
WR29



WR49



WR50



WR51