

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
SIR0170030A	0.17-0.2	Full	0.5	20	1.2	-15~+60	500	DC18
SIR001002G	0.14-0.24	5	0.6	18	1.3	0~+60	100	DC27
SIR002004G	0.2-0.4	20	0.5	18	1.3	0~+60	100	DC16
SIR00310M	0.3-0.32	Full	0.5	18	1.3	-15~+60	100	DC16
SIR003005G	0.35-0.55	20	0.4	20	1.35	-15~+60	100	DC16
SIR400038A	0.38-0.4	Full	0.3	21	1.2	-15~+60	150	DC16
SIR0380070A	0.38-0.45	Full	0.6	18	18dB	-15~+60	250	DC16
SIR004005A	0.401-0.411	Full	0.3	20	1.25	-15~+60	150	DC16
SIR0403027B	0.403-0.43	Full	0.4	20	20dB	-15~+60	250	DC20
SIR0403027A	0.403-0.43	Full	0.5	20	1.25	-15~+60	250	DC17
SIR0430040B	0.43-0.47	Full	0.4	20	20dB	-15~+60	250	DC20
SIR0430040A	0.43-0.47	Full	0.5	20	1.25	-15~+60	250	DC17
SIR005010G	0.5-1	50	0.4	23	1.2	-30~+70	100	DC17
SIR0740020A	0.74-0.76	Full	0.3	23	1.2	-15~+60	200	DC22
SIR0082D	0.81-0.826	Full	0.3	23	1.2	-15~+60	150	DC49
SIR00870M	0.8-0.94	Full	0.5	18	1.3	-15~+60	/	DC-34
SIR008022G	0.8-2.2	70	0.4	23	1.2	-40~+85	100	DC25
SIR008022GB	0.8-2.2	140	0.3	23	1.2	-40~+85	100	DC-34
SIR00875M	0.85-9	Full	0.4	23	1.2	-15~+60	20	DC25
SIR0925035A	0.925-0.96	Full	0.3	23	1.2	-15~+60	40	DC25
SIR011025G	1.1-2.5	70	0.3	23	1.2	-40~+85	100	DC54
SIR012014F	1.2-1.4	Full	0.4	20	1.25	-15~+60	60	DC51
SIR012038G	1.2-3.8	130	0.4	23	1.2	-40~+85	100	DC30



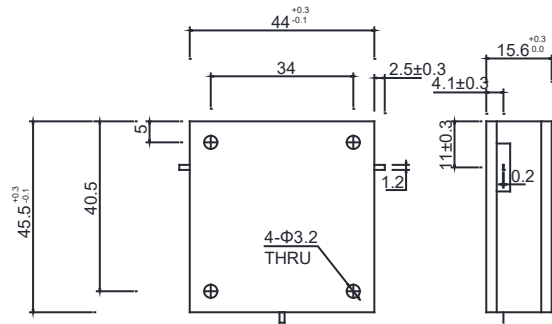
DROP IN CIRCULATOR

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
SIR013014A	1.3-1.4	Full	0.4	20	1.25	-15~+60	200 Peak	DC25
SIR0150D	1.4-1.6	Full	0.4	20	1.25	-15~+60	150	DC30
SIR017018A	1.71-1.88	Full	0.5	20	1.25	-15~+60	125	DC35
SIR017018F	1.71-1.88	Full	0.4	20	1.25	-15~+60	125	DC30
SIR018038G	1.8-3.8	100	0.5	20	1.25	-40~+85	50	DC55
SIR1805075A	1.805-1.88	Full	0.3	23	1.2	-15~+60	40	DC25
SIR020040G	2-4	500	0.6	18	1.35	-30~+70	20	DC56
SIR021022A	2.1-2.2	Full	0.35	20	1.2	-15~+60	100	DC24
SIR024025F	2.4-2.5	Full	0.3	20	/	-15~+60	/	DC30
SIR0270D	2.5-2.9	Full	0.5	20	1.25	-15~+60	125	DC30
SIR027031F	2.7-3.1	Full	0.5	20	1.25	-15~+60	10	DC30
SIR027031C	2.7-3.1	Full	0.3	20	1.25	-20~+60	300	DC44
SIR031034F	3.1-3.4	Full	0.3	20	1.2	-15~+60	20	DC52
SOR030035F	3-3.5	Full	0.8	17	1.35	-15~+60	20	DC30
SIR030070G	3-7	200	0.4	20	1.25	-40~+70	20	DC31
SIR035080G	3.5-8	350	0.4	23	1.2	-40~+70	50	DC32
SIR0430D	4.2-4.4	Full	0.4	20	1.25	-15~+60	35	DC32
SIR0470D	4.4-5	Full	0.5 Typ.0.4	20	1.25	-15~+60	35	DC43
SIR045165G	4.5-16.5	600	0.4	20	1.25	-40~+85	50	DC55
SIR053059A	5.3-5.9	Full	0.4	18	18dB	-15~+60	30	DC21
SIR5650300A	5.65-5.95	Full	0.3	23	1.2	-15~+60	10	DC21
SIR060085F	6-8.5	Full	0.6	18	1.3	-15~+60	/	DC26
SIR060180F	6-18	Full	1.5	10	1.9	-15~+60	10	DC23
SIR070180G	7-18	1100	0.4	20	1.25	-40~+70	10	DC42
SIR0760D	7.1-7.9	Full	0.4	20	1.25	-15~+60	35	DC45
SIR0815D	7.8-8.5	Full	0.4	20	1.25	-15~+60	35	DC50
SIR080120F	8-12	Full	0.6	17	1.35	-15~+60	10	DC42
SIR080180F	8-18	Full	0.8	16	1.5	-15~+60	10	DC53
SIR087105F	8.7-10.5	Full	0.5	20	1.25	-15~+60	10	DC37
SIR10000D	8.5-11.5	Full	0.5	17	1.35	-15~+60	30	DC37
SIR1000D	8.5-11.5	Full	0.5	20	1.25	-15~+60	30	DC37
SIR0935D	9-9.7	Full	0.35	20	1.25	-15~+60	30	DC42
SIR1070D	9.7-11.7	Full	0.4	20	1.25	-15~+60	30	DC42

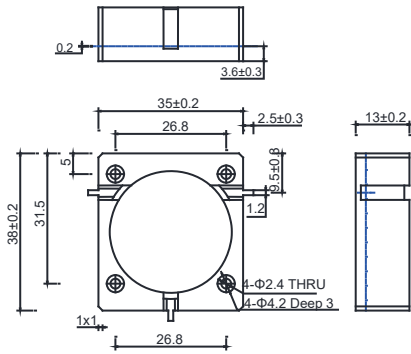


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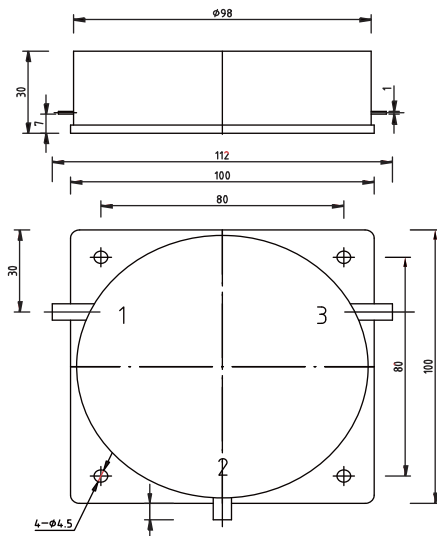
Part Number	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°c)	Power Handling (W.FWD)	Case Type
SIR1112D	9.5-12.75	Full	0.6	18	1.35	-15~+60	30	DC42
SIR101106F	10.1-10.6	Full	0.5	20	1.25	-15~+60	60	DC40
SIR105110F	10.5-11	Full	0.4	20	1.25	-35~+85	125	DC38
SIR120180F	12-18	Full	0.7	16	1.4	-15~+60	10	DC42
SIR1710D	14.5-19.7	Full	0.6	15	1.45	-15~+60	20	DC46
SIR167173F	16.7-17.3	Full	0.65	17	1.35	-15~+60	15	DC47
SIR167173A	16.7-17.3	Full	0.6 T5	17	1.35	-15~+60	15	DC48
SIR180245G	18-24.5	650	0.6	18	1.35	-40~+70	10	DC33



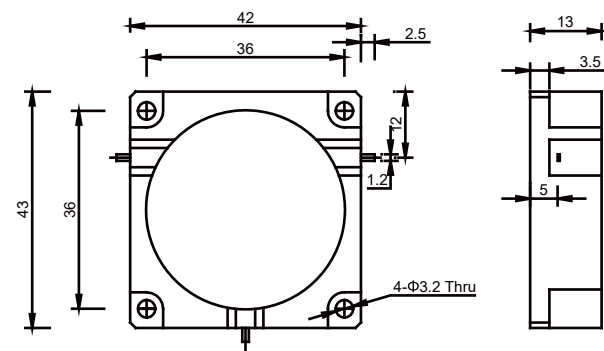
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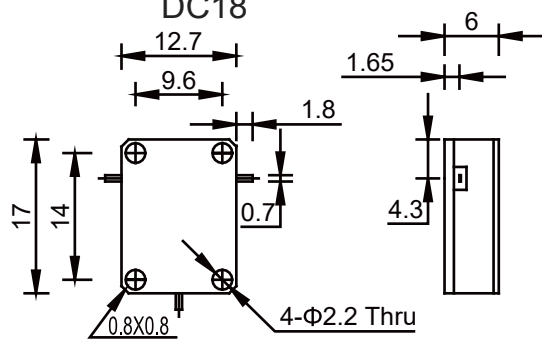
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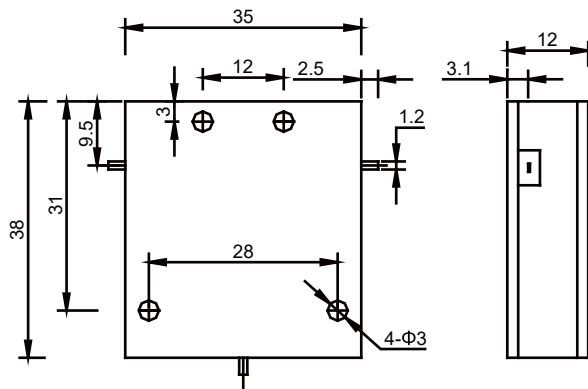
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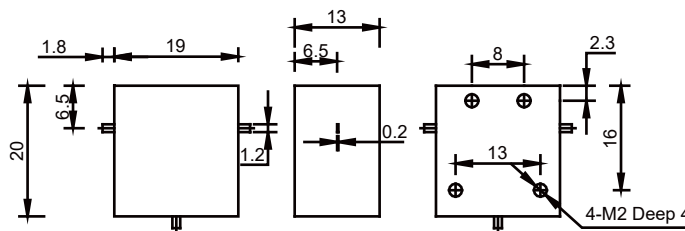
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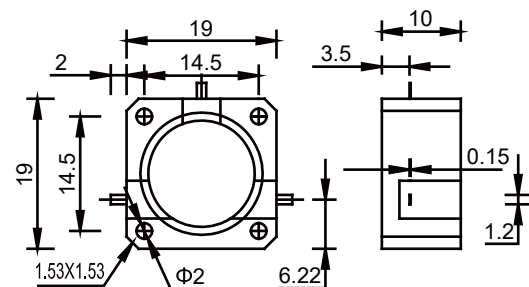
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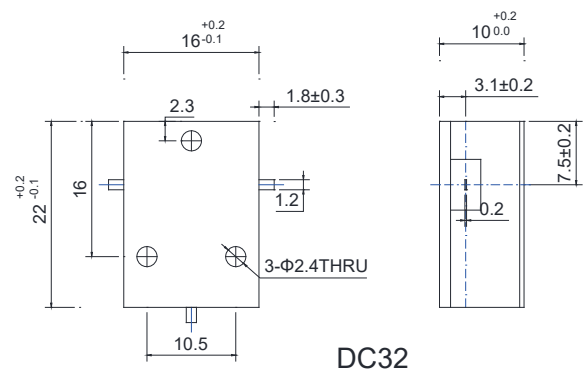
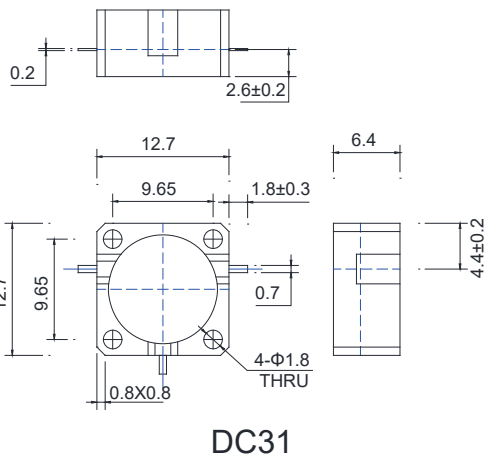
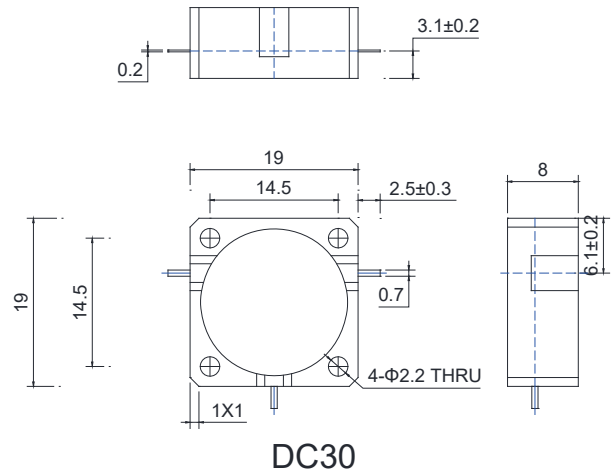
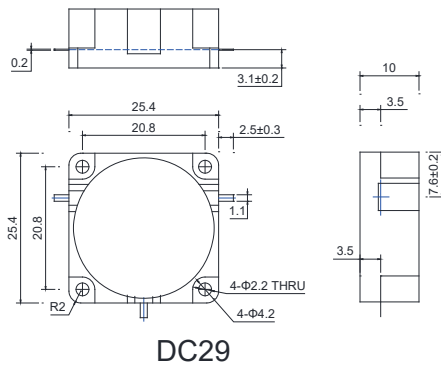
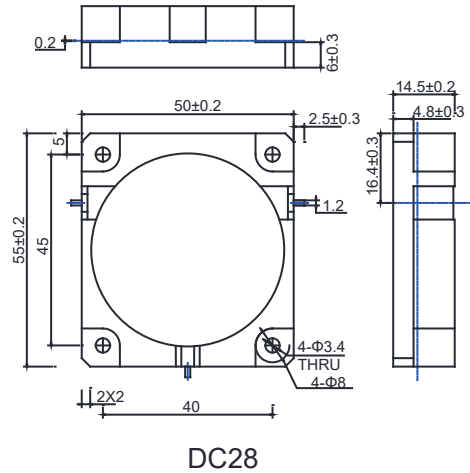
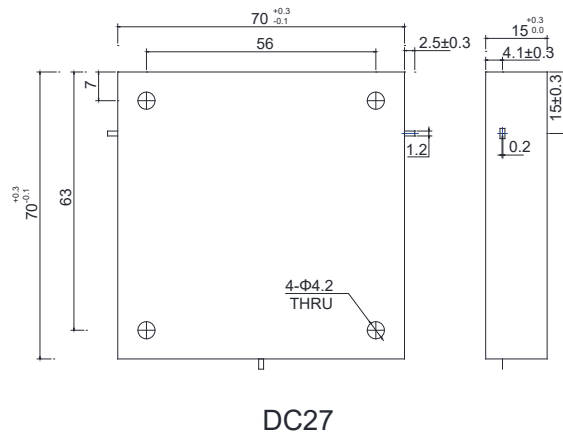
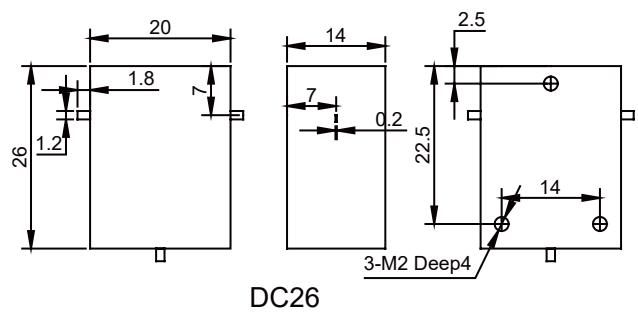
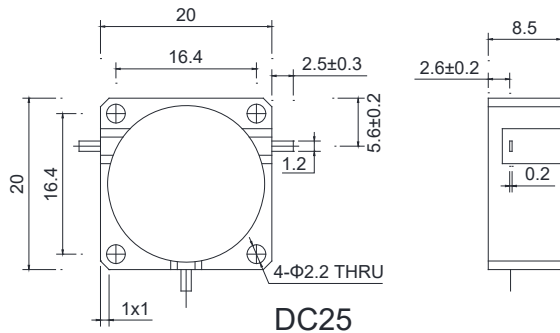
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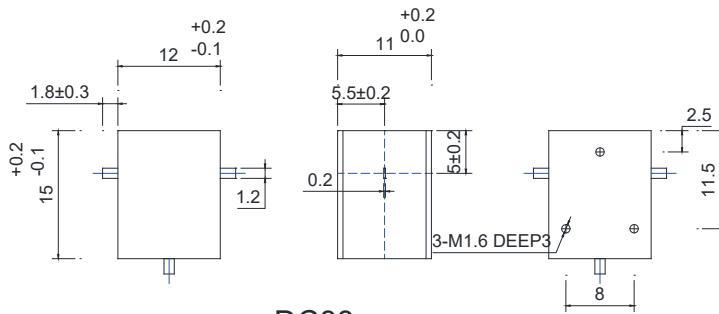


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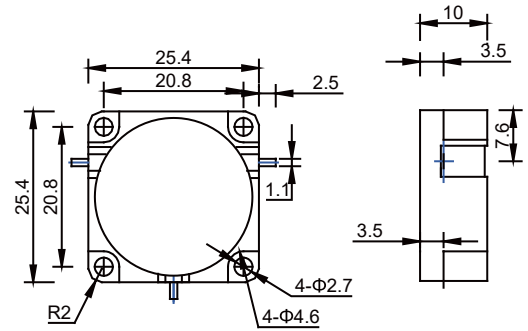


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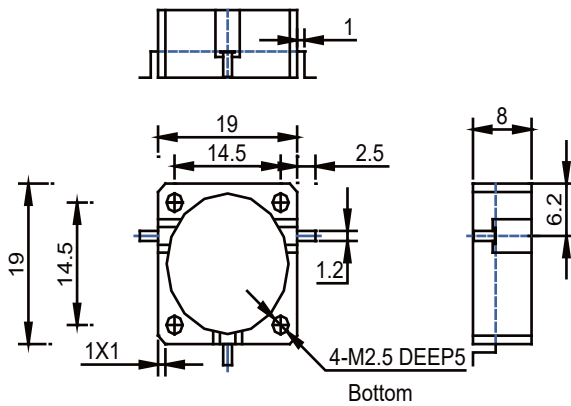




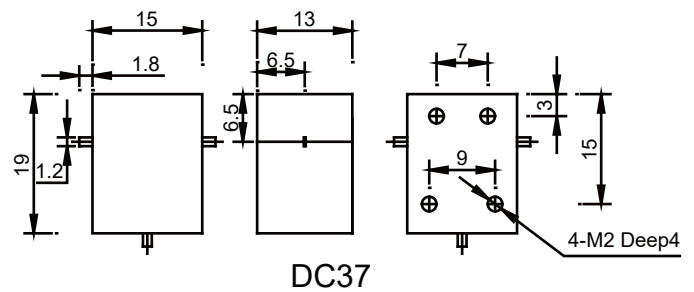
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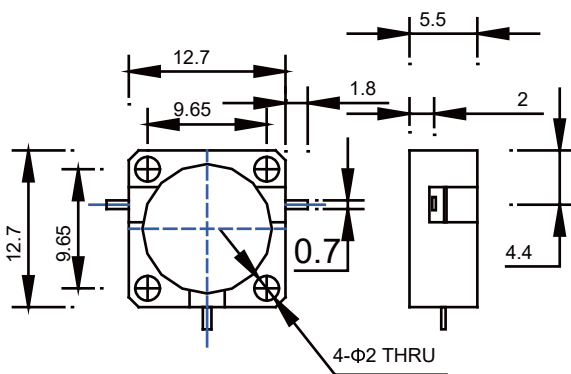
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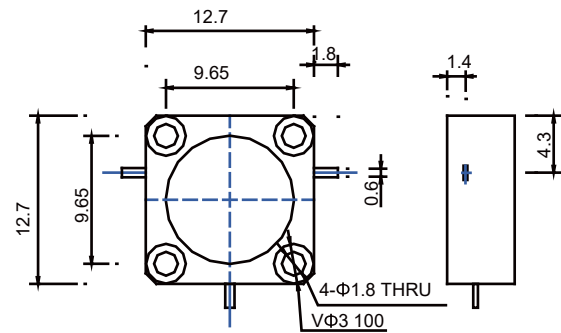
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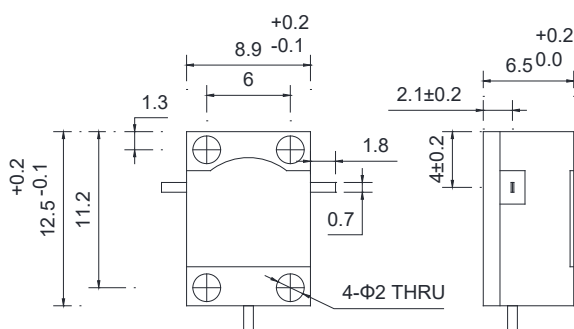
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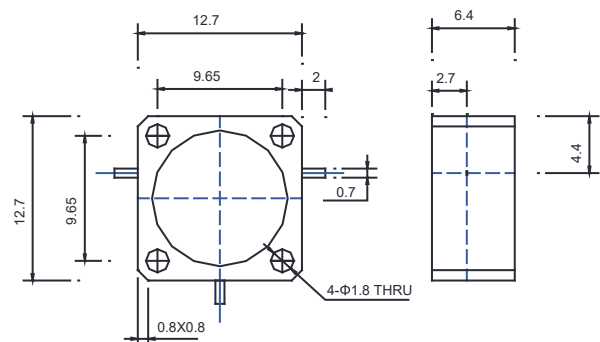
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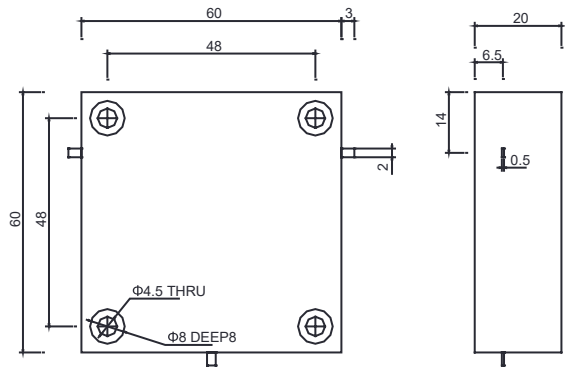
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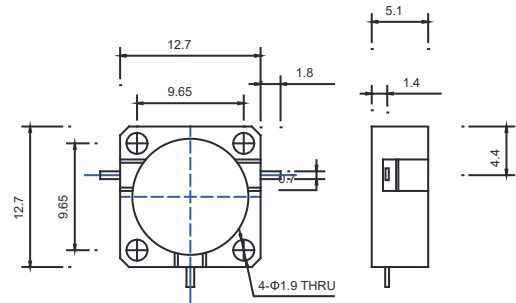
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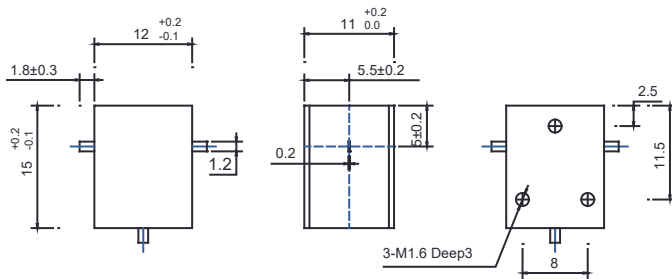
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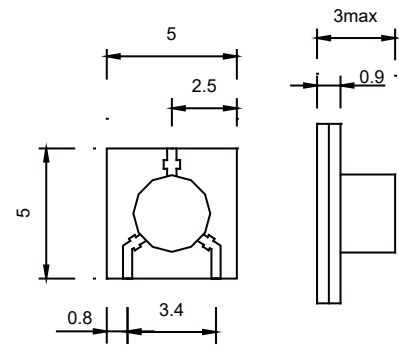
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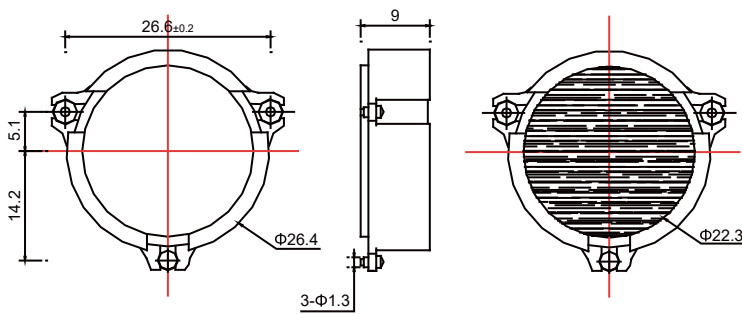
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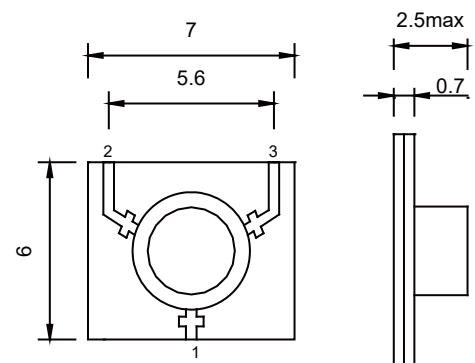
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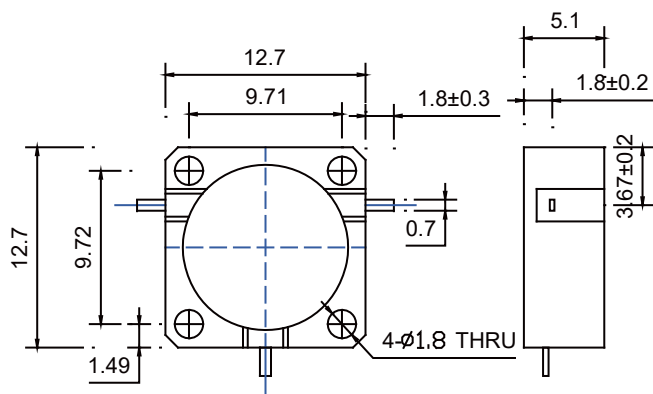
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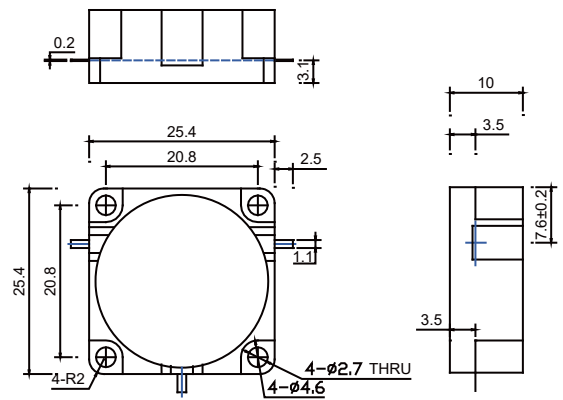
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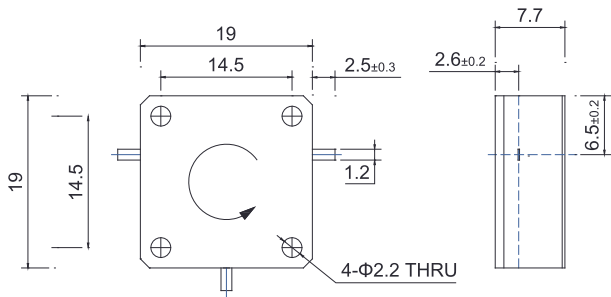
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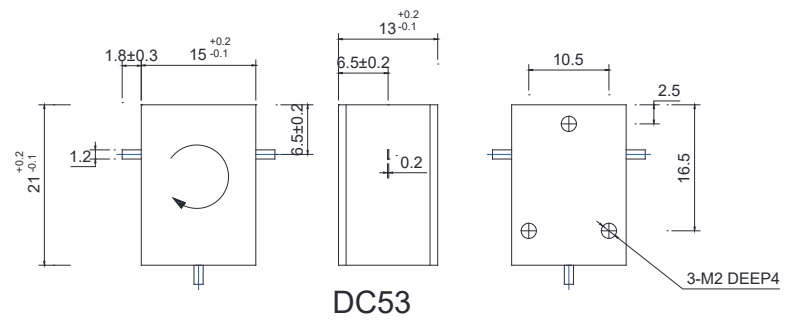
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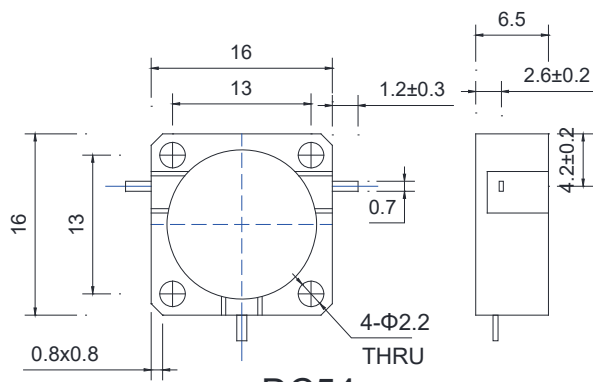
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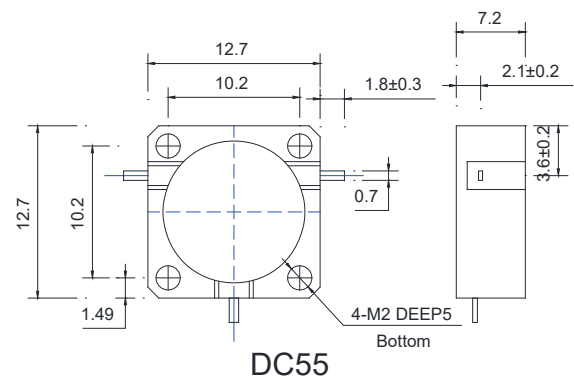
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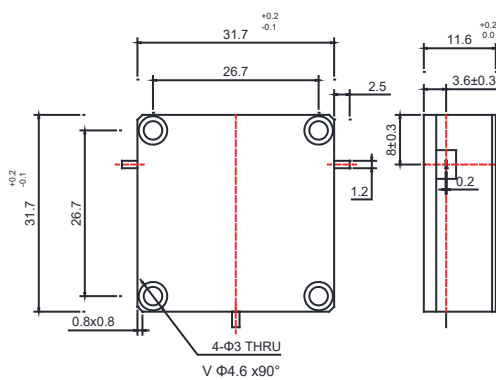
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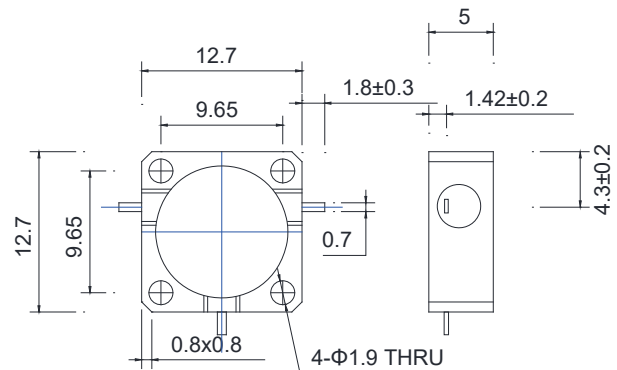
DC54



DC55



DC56



DC57