

Lumped Element Couplers



Surface Mount & Plug-In & Coaxial Connector

6-20CMIDB Coupling 50Ω												
Model No.	Freq. Range (MHz) fL-fU	Coupling		Mainline Loss (CMIDB)			Directivity(CMIDB)			VSWR	Power Input(W)	Case Style
		Nom.	Flatness	L	M	U	L	M	U			
				Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min			
CMIDS-6-1	5-400	6.5±0.5	±0.5	1.6/2.0	1.7/2.4	2.0/2.4	35/30	25/20	20/15	1.25	0.5	S2
CMIDS-10-2	5-700	12.7±0.5	±0.6	1.0/1.5	1.0/1.5	1.0/1.5	20/15	20/15	20/15	1.25	0.2	S2
CMIDS-10-4	5-1000	12.7±0.6	±1.0	1.0/1.5	1.0/1.5	1.5/1.8	20/18	20/18	20/18	1.25	0.5	S2
CMIDA-10-1	1-400	11.5±0.5	±0.5	0.6/0.9	0.8/1.1	0.9/1.3	50/35	35/20	20/15	1.2	1.0	A1
CMIDA-10-2	250-1000	10.5±0.5	±0.6	1.0/1.5	1.5/1.8	1.6/2.0	35/25	30/20	25/15	1.5	1.0	A1
CMIDA-10-5	1-2000	10.5±0.5	±1.0	1.2/1.9	1.3/1.9	2.0/2.5	35/25	30/20	20/18	1.3	0.5	A1
CMIDA-20-1W	10-700	19±0.5	±0.5	0.3/0.5	0.4/0.7	0.7/1.1	35/30	25/20	25/20	1.4	1.0	A1
CMIDB-6-1	10-400	6.3±0.4	±0.4	2.0/2.4	2.0/2.4	2.0/2.5	35/30	30/25	20/15	1.5	1.0	B2
CMIDB-10-1	1-400	10±0.5	±0.5	0.9/1.3	0.7/1.0	0.9/1.3	30/25	30/25	20/15	1.2	1.0	B2
CMIDB-10-2	5-1000	11±0.5	±0.6	1.4/1.8	1.5/1.8	1.6/2.0	50/35	25/20	20/15	1.5	0.5	B2
CMIDE-8-1	10-800	8±0.5	±0.5	1.6	1.5	1.6	25	20	15	1.5	0.5	E
CMIDE-12-1	10-800	12.7±0.5	±0.5	1.4	1.4	1.4	25	20	20	1.5	0.5	E
CMIDE-20-2	10-800	20±0.5	±0.5	0.25/0.5	0.4/0.7	0.7/1.2	35/30	25/20	22/20	1.5	0.5	E
CMIDT-15-2B	1-1000	15±0.5	±0.5	0.5/1.4	0.8/1	1.0/1.4	35/30	30/25	25/15	1.2	3.0	T14

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PRODUCT SPECIFICATION

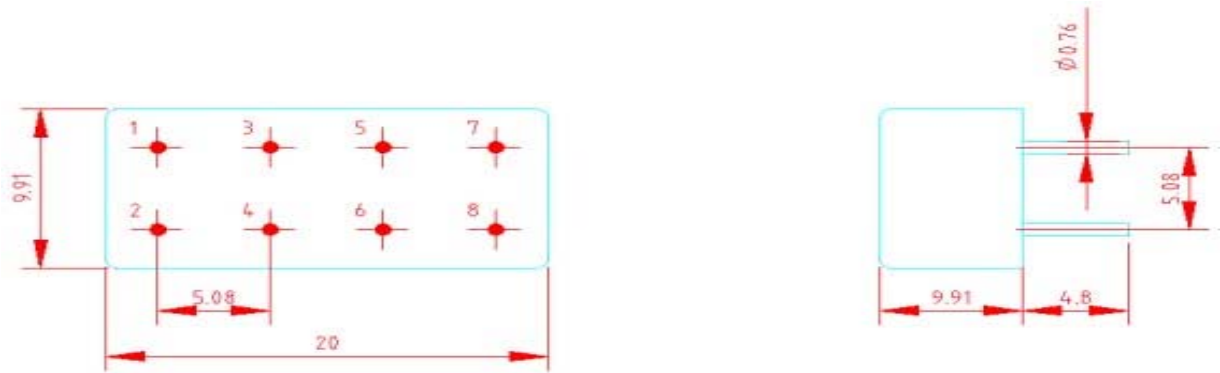
Pin Connections:

Model No.	In	Out	Coupled(Forward)	Coupled(reverse)	Gnd Ext.
CMIDS1 DS2	1	6	3	4	2,5
CMIDA	1	4	3		2,5,7,8
CMIDB	1	2	4		3
CMIDE	2	1	3		4

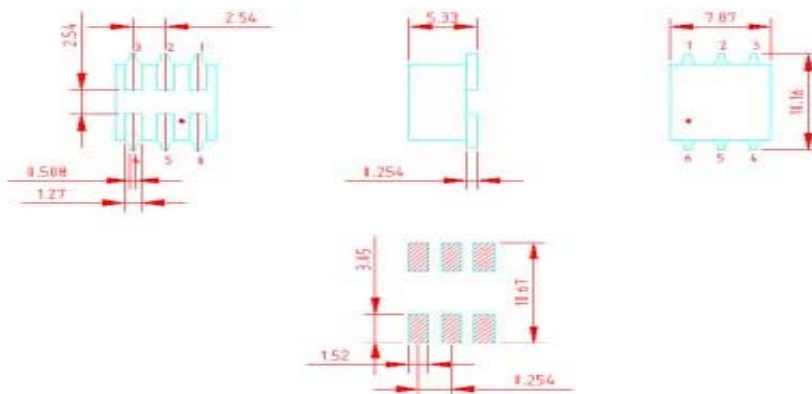
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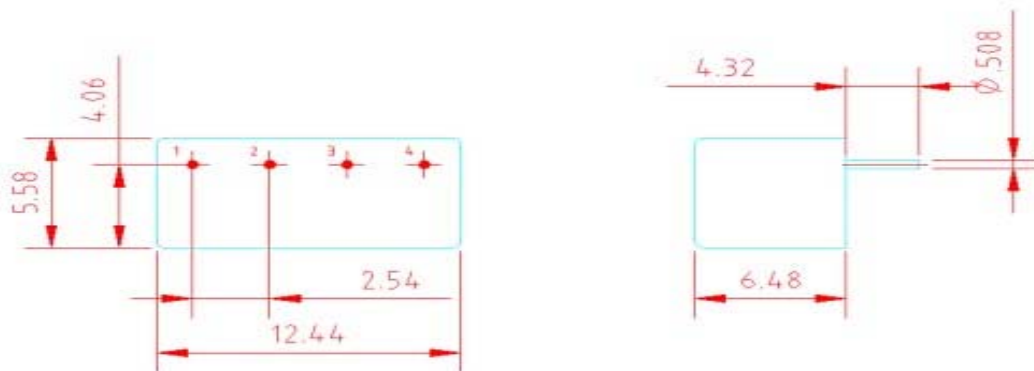
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A1



S2

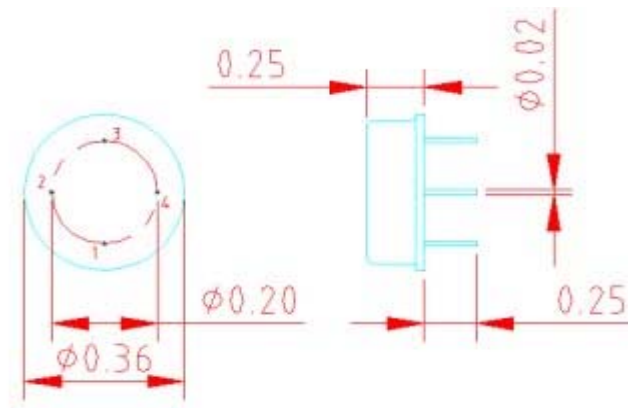


B2

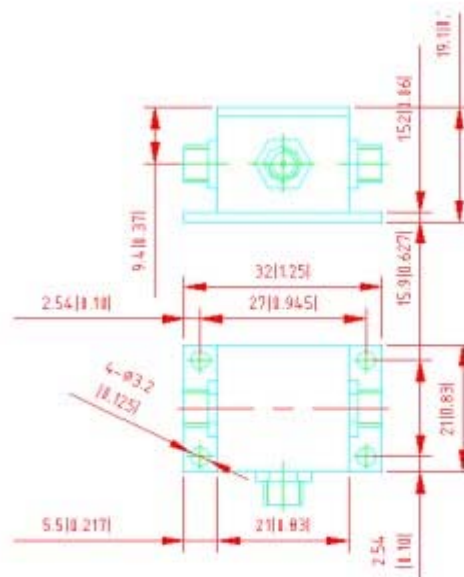
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