45 to 270MHz – Drop in Isolator

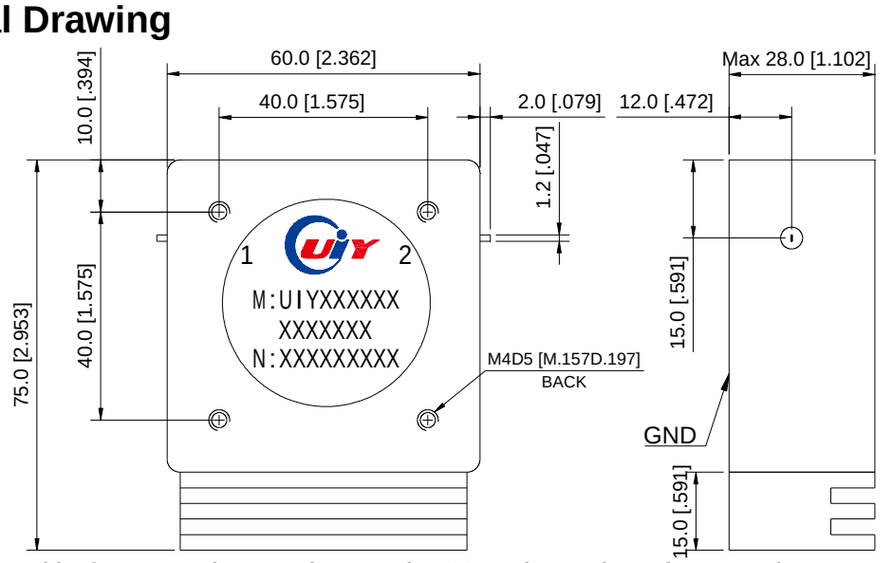
Design Features

- Can be dual junction even three for high isolation.
- Custom design available upon request.
- Military, space and commercial applications.
- Guaranteed for one year standard.

RF Characteristics

Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(℃)
UIYDI6075A45T50	45 ~ 50	1.5	18	1.3	100	100	TAB	-10 ~ +65
UIYDI6075A45T55	45 ~ 55	1.8	18	1.3	100	100	TAB	-10 ~ +65
UIYDI6075A50T75	50 ~ 75	1.8	20	1.25	100	100	TAB	-10 ~ +65
UIYDI6075A55T75	55 ~ 75	1.3	20	1.25	100	100	TAB	-10 ~ +65
UIYDI6075A60T65	60 ~ 65	1.0	20	1.25	100	100	TAB	-10 ~ +65
UIYDI6075A65T70	65 ~ 70	1.0	20	1.25	100	100	TAB	-10 ~ +65
UIYDI6075A68T88	68 ~ 88	1.3	18	1.3	100	100	TAB	-20 ~ +65
UIYDI6075A70T85	70 ~ 85	0.8	20	1.25	100	100	TAB	-20 ~ +65
UIYDI6075A70T90	70 ~ 90	1.0	20	1.25	100	100	TAB	-20 ~ +65
UIYDI6075A80T120	80 ~ 120	1.0	18	1.3	100	100	TAB	0 ~ +65
UIYDI6075A85T135	85 ~ 135	1.0	18	1.3	100	100	TAB	-10 ~ +65
UIYDI6075A87T108	87 ~ 108	0.6	20	1.25	100	100	TAB	-20 ~ +65
UIYDI6075A87T108P200	87 ~ 108	0.6	20	1.25	200	100	TAB	-20 ~ +65
UIYDI6075A88T138	88 ~ 138	1.0	18	1.3	100	100	TAB	-10 ~ +65
UIYDI6075A100T130	100 ~ 130	0.6	20	1.25	100	100	TAB	-30 ~ +70
UIYDI6075A100T130P200	100 ~ 130	0.6	20	1.25	200	100	TAB	-30 ~ +70
UIYDI6075A100T150	100 ~ 150	0.8	20	1.25	100	100	TAB	-10 ~ +65
UIYDI6075A108T118	108 ~ 118	0.5	23	1.2	100	100	TAB	-30 ~ +70
UIYDI6075A108T118P200	108 ~ 118	0.5	23	1.2	200	100	TAB	-30 ~ +70
UIYDI6075A118T137	118 ~ 137	0.5	23	1.2	100	100	TAB	-30 ~ +70
UIYDI6075A118T137P200	118 ~ 137	0.5	23	1.2	200	100	TAB	-30 ~ +70
UIYDI6075A130T180	130 ~ 180	0.8	20	1.25	100	100	TAB	-30 ~ +70
UIYDI6075A136T174	136 ~ 174	0.5	20	1.25	100	100	TAB	-30 ~ +70
UIYDI6075A136T174P200	136 ~ 174	0.5	20	1.25	200	100	TAB	-30 ~ +70
UIYDI6075A148T174P150	148 ~ 174	0.5	25	1.15	150	100	TAB	-30 ~ +70
UIYDI6075A150T200	150 ~ 200	0.6	20	1.25	100	100	TAB	-30 ~ +70
UIYDI6075A150T225	150 ~ 225	0.9	18	1.3	100	100	TAB	-30 ~ +70
UIYDI6075A170T200	170 ~ 200	0.5	20	1.25	100	100	TAB	-30 ~ +70
UIYDI6075A170T200P200	170 ~ 200	0.5	20	1.25	200	100	TAB	-30 ~ +70
UIYDI6075A180T220	180 ~ 220	0.5	20	1.25	100	100	TAB	-30 ~ +70
UIYDI6075A200T270	200 ~ 270	1.0	18	1.3	100	100	TAB	-30 ~ +70

Mechanical Drawing



Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

Ver. 5

3/F, Building A5, Shenbao Power Industrial Park, Shenzhen 518116, China. Web: www.uiy.com
Tel: +86-755-83748888 +86-755-25999990 Fax: +86-755-25999959 E-mail: sales@uiy.com