

45 to 270MHz – Dual Junction Drop in Isolator

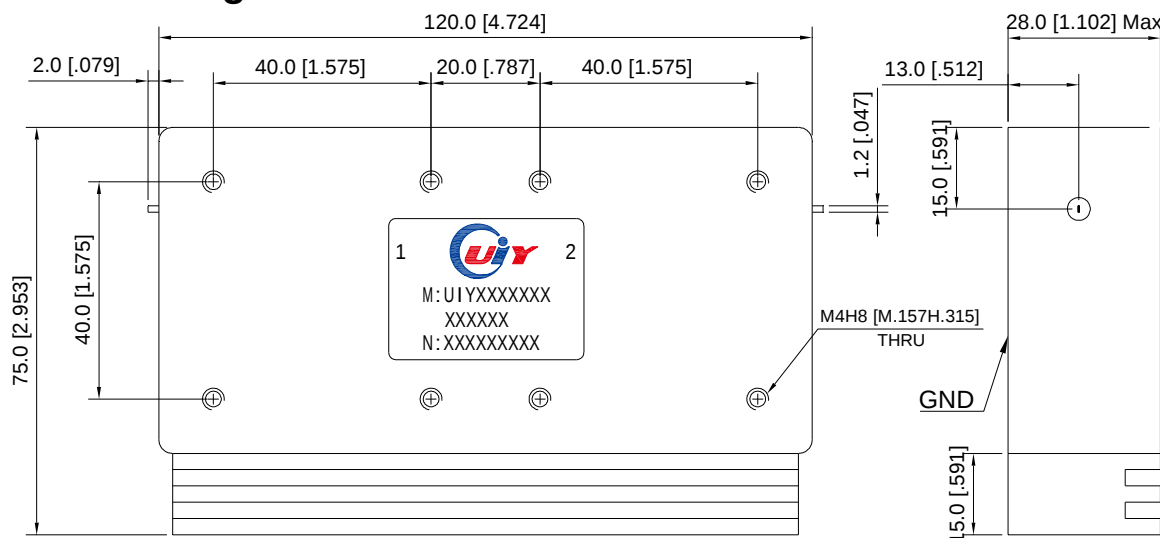
Design Features

- ◆ Can be Dual Junction or Multiple for high isolation.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.

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.(°C)
UIYDDI12075A45T50	45 ~ 50	3.0	36	1.3	100	100	TAB	-10 ~ +65
UIYDDI12075A45T55	45 ~ 55	3.6	36	1.3	100	100	TAB	-10 ~ +65
UIYDDI12075A50T75	50 ~ 75	3.6	40	1.25	100	100	TAB	-10 ~ +65
UIYDDI12075A55T75	55 ~ 75	2.5	40	1.25	100	100	TAB	-10 ~ +65
UIYDDI12075A60T65	60 ~ 65	2.0	40	1.25	100	100	TAB	-10 ~ +65
UIYDDI12075A65T70	65 ~ 70	2.0	40	1.25	100	100	TAB	-10 ~ +65
UIYDDI12075A68T88	68 ~ 88	2.5	36	1.3	100	100	TAB	-20 ~ +65
UIYDDI12075A70T85	70 ~ 85	1.6	40	1.25	100	100	TAB	-20 ~ +65
UIYDDI12075A70T90	70 ~ 90	2.0	40	1.25	100	100	TAB	-20 ~ +65
UIYDDI12075A80T120	80 ~ 120	2.0	36	1.3	100	100	TAB	0 ~ +65
UIYDDI12075A85T135	85 ~ 135	2.4	36	1.3	100	100	TAB	-10 ~ +65
UIYDDI12075A87T108	87 ~ 108	1.2	40	1.25	100	100	TAB	-20 ~ +65
UIYDDI12075A87T108P200	87 ~ 108	1.2	40	1.25	200	100	TAB	-20 ~ +65
UIYDDI12075A88T138	88 ~ 138	2.0	36	1.3	100	100	TAB	-10 ~ +65
UIYDDI12075A100T130	100 ~ 130	1.2	40	1.25	100	100	TAB	-30 ~ +70
UIYDDI12075A100T150	100 ~ 150	2.0	40	1.25	100	100	TAB	-10 ~ +65
UIYDDI12075A108T118	108 ~ 118	1.0	45	1.2	100	100	TAB	-30 ~ +70
UIYDDI12075A108T118P200	108 ~ 118	1.0	45	1.2	200	100	TAB	-30 ~ +70
UIYDDI12075A112T156	112 ~ 156	1.6	40	1.25	100	100	TAB	-30 ~ +70
UIYDDI12075A118T137	118 ~ 137	1.0	45	1.2	100	100	TAB	-30 ~ +70
UIYDDI12075A118T137P200	118 ~ 137	1.0	45	1.2	200	100	TAB	-30 ~ +70
UIYDDI12075A130T180	130 ~ 180	1.2	40	1.25	100	100	TAB	-30 ~ +70
UIYDDI12075A136T174	136 ~ 174	1.0	44	1.2	100	100	TAB	-30 ~ +70
UIYDDI12075A136T174P200	136 ~ 174	1.0	44	1.2	200	100	TAB	-30 ~ +70
UIYDDI12075A148T174P150	148 ~ 174	1.0	50	1.15	150	100	TAB	-30 ~ +70
UIYDDI12075A150T200	150 ~ 200	1.2	40	1.25	100	100	TAB	-30 ~ +70
UIYDDI12075A150T225	150 ~ 225	1.8	36	1.3	100	100	TAB	-30 ~ +70
UIYDDI12075A170T200	170 ~ 200	1.0	40	1.25	100	100	TAB	-30 ~ +70
UIYDDI12075A170T200P200	170 ~ 200	1.0	40	1.25	200	100	TAB	-30 ~ +70
UIYDDI12075A180T220	180 ~ 220	1.0	40	1.25	100	100	TAB	-30 ~ +70
UIYDDI12075A200T270	200 ~ 270	1.4	40	1.25	100	100	TAB	-30 ~ +70

Mechanical Drawing



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

Ver. 5.1