

45 to 270MHz – 4 Port Dual Junction Drop in Circulator

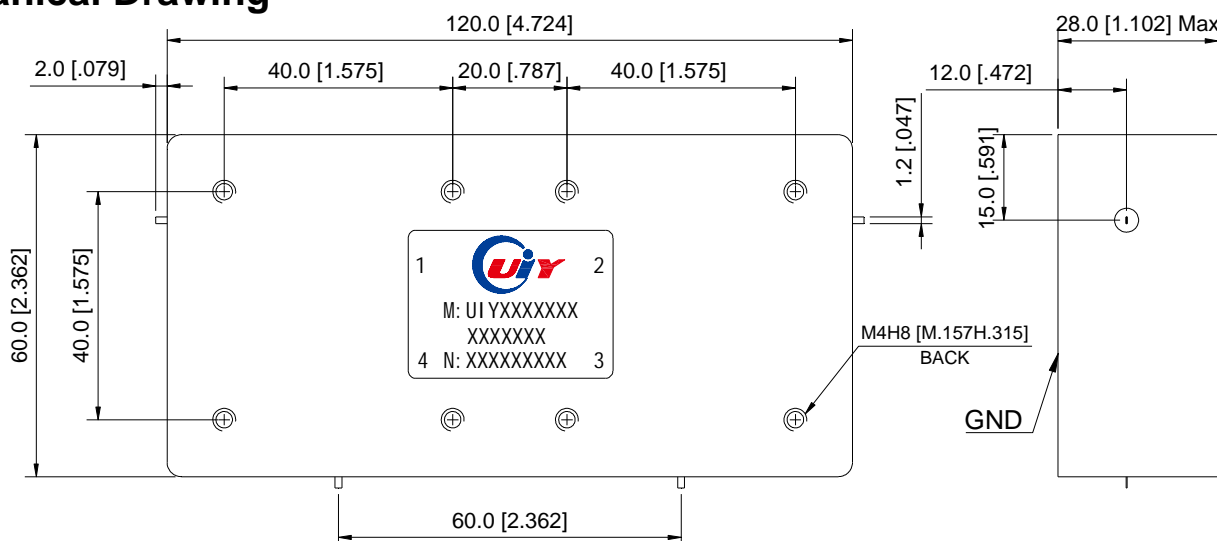
Design Features

- ◆ 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 (1-2 & 3-4) Max(dB)	Isolation (2-1 & 4-3) Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYDDC12060A4P45T50	45 ~ 50	3.0	36	1.3	100	100	TAB	-10 ~ +65
UIYDDC12060A4P45T55	45 ~ 55	3.6	36	1.3	100	100	TAB	-10 ~ +65
UIYDDC12060A4P50T75	50 ~ 75	3.6	40	1.25	100	100	TAB	-10 ~ +65
UIYDDC12060A4P55T75	55 ~ 75	2.5	40	1.25	100	100	TAB	-10 ~ +65
UIYDDC12060A4P60T65	60 ~ 65	2.0	40	1.25	100	100	TAB	-10 ~ +65
UIYDDC12060A4P65T70	65 ~ 70	2.0	40	1.25	100	100	TAB	-10 ~ +65
UIYDDC12060A4P68T88	68 ~ 88	2.5	36	1.3	100	100	TAB	-20 ~ +65
UIYDDC12060A4P70T85	70 ~ 85	1.6	40	1.25	100	100	TAB	-20 ~ +65
UIYDDC12060A4P70T90	70 ~ 90	2.0	40	1.25	100	100	TAB	-20 ~ +65
UIYDDC12060A4P80T120	80 ~ 120	2.0	36	1.3	100	100	TAB	0 ~ +65
UIYDDC12060A4P85T135	85 ~ 135	2.4	36	1.3	100	100	TAB	-10 ~ +65
UIYDDC12060A4P87T108	87 ~ 108	1.2	40	1.25	100	100	TAB	-20 ~ +65
UIYDDC12060A4P87T108P200	87 ~ 108	1.2	40	1.25	200	200	TAB	-20 ~ +65
UIYDDC12060A4P88T138	88 ~ 138	2.0	36	1.3	100	100	TAB	-10 ~ +65
UIYDDC12060A4P100T130	100 ~ 130	1.2	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC12060A4P100T150	100 ~ 150	2.0	40	1.25	100	100	TAB	-10 ~ +65
UIYDDC12060A4P108T118	108 ~ 118	1.0	45	1.2	100	100	TAB	-30 ~ +70
UIYDDC12060A4P108T118P200	108 ~ 118	1.0	45	1.2	200	200	TAB	-30 ~ +70
UIYDDC12060A4P112T156	112 ~ 156	1.6	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC12060A4P118T137	118 ~ 137	1.0	45	1.2	100	100	TAB	-30 ~ +70
UIYDDC12060A4P118T137P200	118 ~ 137	1.0	45	1.2	200	200	TAB	-30 ~ +70
UIYDDC12060A4P130T180	130 ~ 180	1.2	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC12060A4P136T174	136 ~ 174	1.0	44	1.2	100	100	TAB	-30 ~ +70
UIYDDC12060A4P136T174P200	136 ~ 174	1.0	44	1.2	200	200	TAB	-30 ~ +70
UIYDDC12060A4P148T174P150	148 ~ 174	1.0	50	1.15	150	150	TAB	-30 ~ +70
UIYDDC12060A4P150T200	150 ~ 200	1.2	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC12060A4P150T225	150 ~ 225	1.8	36	1.3	100	100	TAB	-30 ~ +70
UIYDDC12060A4P170T200	170 ~ 200	1.0	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC12060A4P170T200P200	170 ~ 200	1.0	40	1.25	200	200	TAB	-30 ~ +70
UIYDDC12060A4P180T220	180 ~ 220	1.0	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC12060A4P200T270	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