

DATA SHEET

BAND III CIRCULATORS

Product specification
Supersedes data of October 1995
File under Professional Components, PC06

1998 Feb 20

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Preferred application: VHF television

TYPE	DIMENSIONS Fig.	FREQUENCY RANGE MHz	MAXIMUM POWER	
			CW W	PEAK W
2722 162 07005	2	170 to 230 ⁽¹⁾	100	
2722 162 01871	3	160 to 178	500	850
01861		173 to 204		
01851		200 to 230		
03171		225 to 270		
2722 162 03641	4	160 to 178	500	850
03631		173 to 204		
03621		200 to 230		
03651		225 to 270		
2722 162 05031	6	195 to 205	1000	1800
2722 162 03681	5	160 to 178	1000	1800
03671		173 to 204		
03661		200 to 230		
03691		225 to 270		
2722 162 01901	6	160 to 178	1000	1800
01891		173 to 204		
01881		200 to 230		
03181		225 to 270		
2722 162 05971	7	173 to 204	1500	1800
05981		200 to 230		
2722 162 05811	1	173 to 204	1000	
05821		200 to 230		

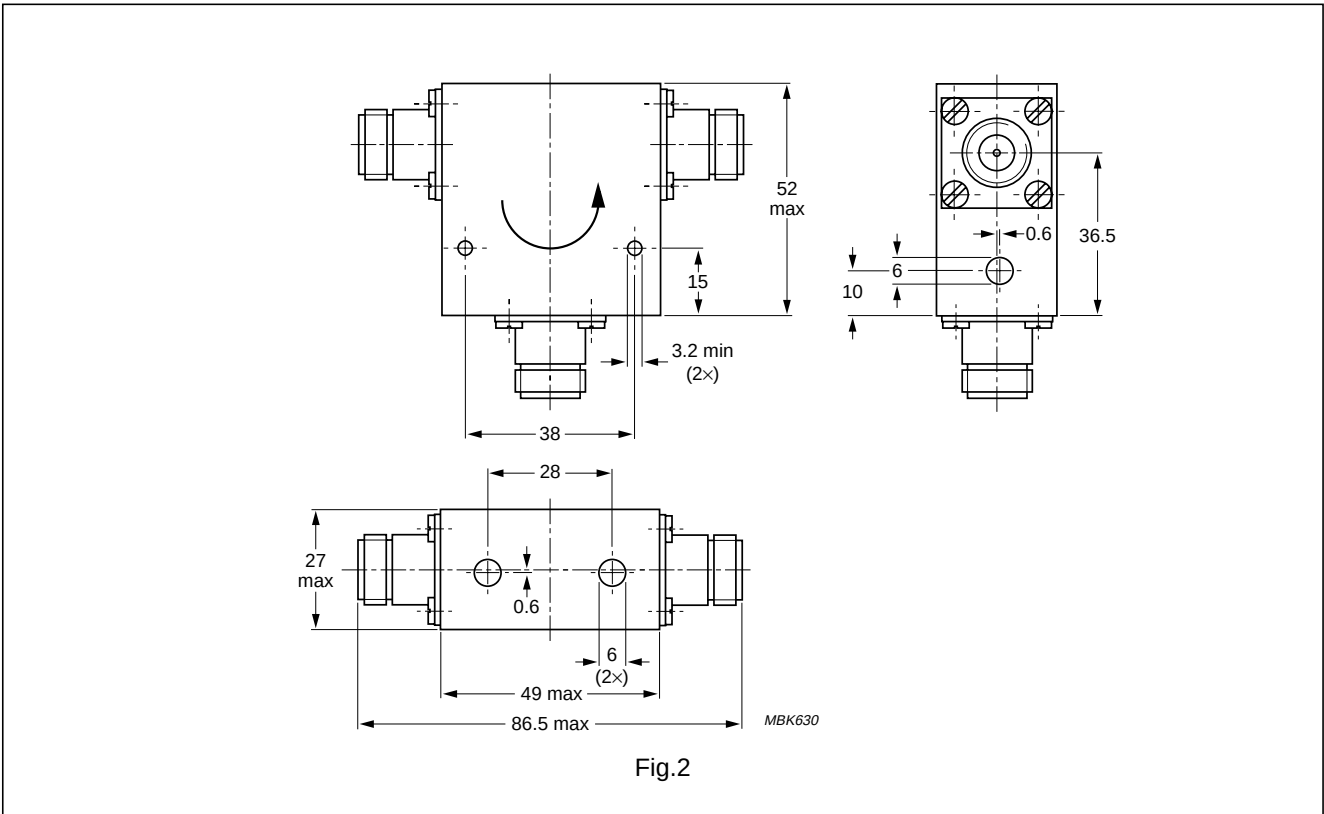
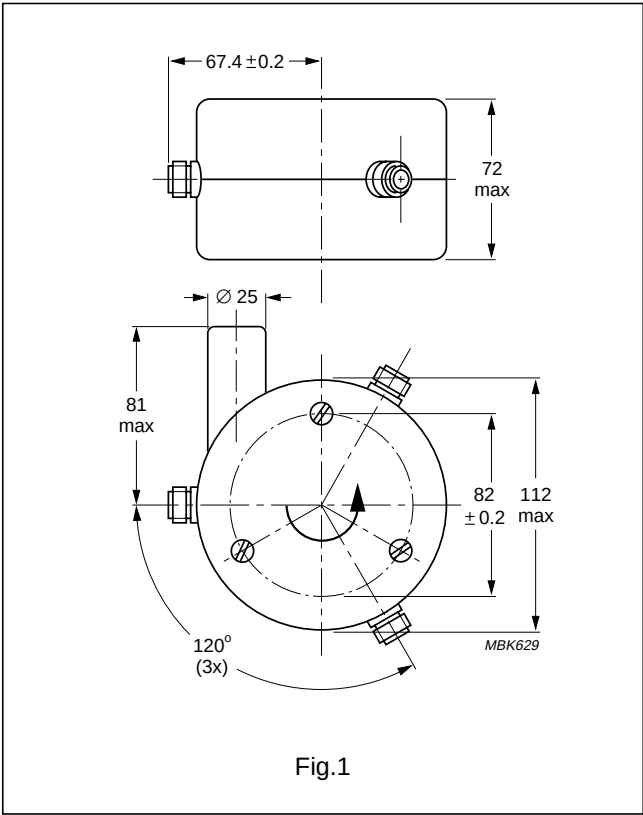
Notes

1. Tunable, instantaneous bandwidth for isolation 18 dB min. 7 MHz.
2. With (filtered) air cooling at 250 Pa pressure drop; max. inlet temperature 40°C; max. permissible temperature of the connectors +55°C.

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TYPE	ISOLATION		INSERTION LOSS		VSWR		TEMP. RANGE °C	CONNECTOR	MASS g
	MIN. dB	TYP. dB	MAX. dB	TYP. dB	MAX.	TYP.			
2722 162 07005	18		0,5		1,3		0 to +50	N female	
2722 162 01871 01861 01851 03171	20	24	0,35	0,3	1,25	1,15	−10 to +60	N female	2100
2722 162 03641 03631 03621 03651	20	24	0,35	0,3	1,25	1,15	−10 to +60	EIA 7/8"	2700
2722 162 05031	20		0,4		1,25		−10 to +40 ⁽²⁾	N female	2100
2722 162 03681 03671 03661 03691	20	24	0,35	0,3	1,25	1,15	−10 to +40 ⁽²⁾	EIA 7/8"	2700
2722 162 01901 01891 01881 03181	20	24	0,35	0,3	1,25	1,15	−10 to +40 ⁽²⁾	HF 7/16 female	2150
2722 162 05971 05981	20		0,35		1,25		−10 to +40 ⁽²⁾	EIA 1 5/8"	
2722 162 05811 05821	20		0,35		1,25		−10 to +40 ⁽²⁾	N female	

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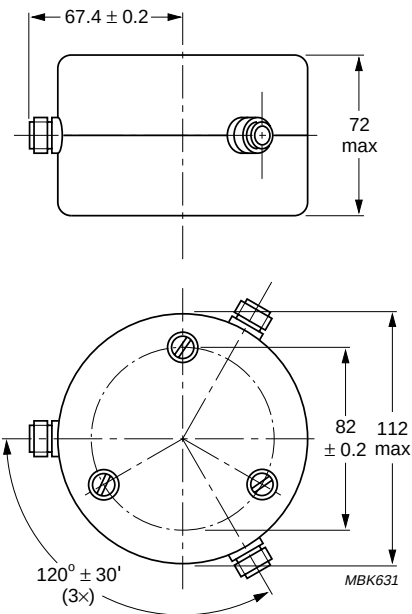


Fig.3

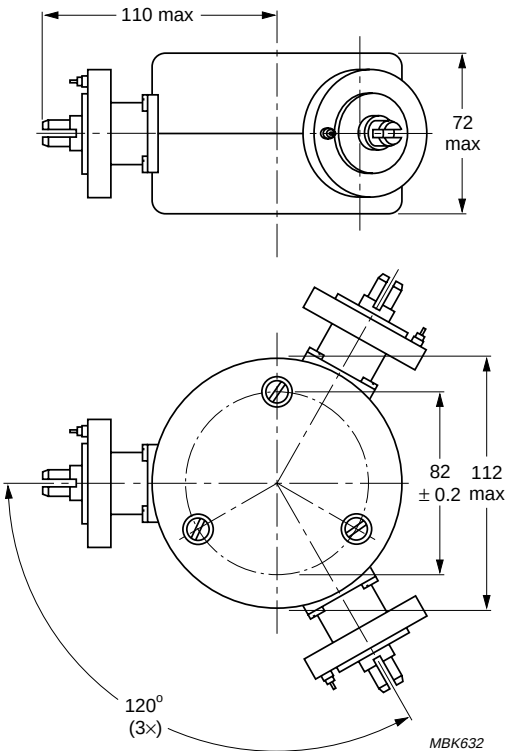


Fig.4

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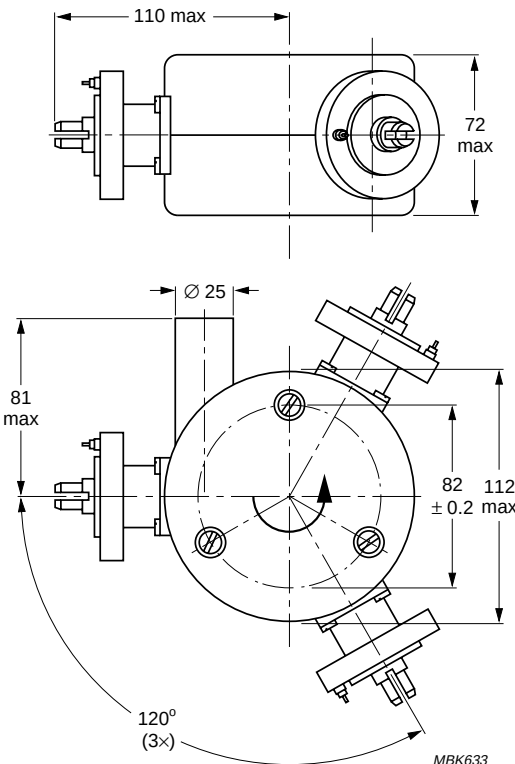


Fig.5

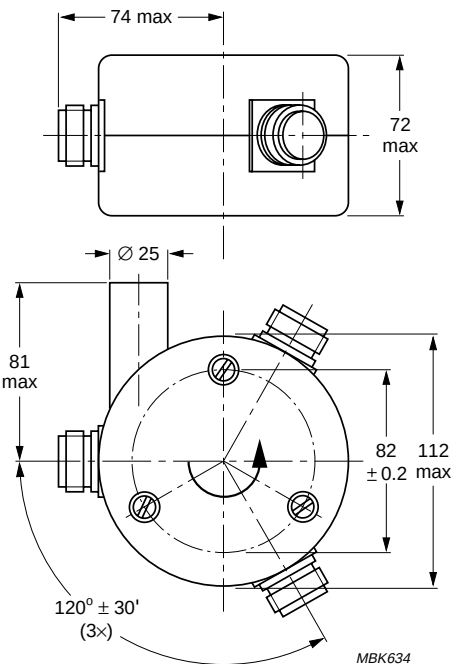


Fig.6

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