

DATA SHEET

VHF NARROW-BAND CIRCULATORS / ISOLATORS

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

1998 Feb 20

VHF NARROW-BAND CIRCULATORS / ISOLATORS

Preferred application: fixed and mobile communication

TYPE	DIMENSIONS Fig.	FREQUENCY RANGE ⁽¹⁾ MHz	MAXIMUM POWER	
			CW W	REFLECTED W
2722 162 02913	1	72 to 73	20	20
02723		83 to 84	20	20
02943		100 to 101	20	20
02903		138 to 141	25	20
02953		144,5 to 147,5	20	20
02963		153,5 to 156,5	20	20
06003		156 to 157	20	20
02993		161 to 162	15	15
06893		176,5 to 183,5	20	20
06903		200,5 to 207,5	20	20
2722 162 05151	2	74,5 to 75,5	25	20
05002	3	138 to 141	110	110
05755	3	146 to 174 ⁽²⁾	110	110
2722 162 01931	4	225 to 270	150	
01932		225 to 270		
01941		270 to 330		
01951		330 to 400		
2722 162 03421	5	270 to 330	60	
05091		330 to 400		
2722 162 04142	6	146 to 174 ⁽²⁾	250	
2722 162 04143	7	146 to 174 ⁽²⁾	250	
VBB 1002	8	146 to 174	250	
VKB 1007	9	146 to 164	250	
VKB 1008	9	155 to 174	250	
VAB 1009	10	160 to 175	250	
VAB 1010	10	135 to 150	250	
VAB 1011	10	148 to 165	250	

Notes

1. Other frequencies on request
2. Tunable instantaneous bandwidth for isolation 20 dB min. 5 MHz.

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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 02913	20		0,7		1,25		0 to +50	N female	220
02723			0,7				0 to +55		
02943			0,7				0 to +50		
02903			0,4				0 to +55		
02953			0,6				0 to +50		
02963			0,6				0 to +50		
06003			0,6				0 to +50		
02993			0,6				0 to +50		
06893			0,6				0 to +55		
06903			0,6				0 to +55		
2722 162 05151			0,8				0 to +55	N female	400
05002			0,5				0 to +55		
05755			0,5				0 to +60		
2722 162 01931	18	21	0,35	0,2	1,35	1,25	0 to +70	N female	725
01932			0,5	0,35					
01941			0,35	0,2					
01951			0,35	0,3					
2722 162 03421	18	21	0,35	0,2	1,35	1,25	0 to +70	SMA female	725
05091									
2722 162 04142	40		0,8		1,25		0 to +60	SMA	
2722 162 04143	40		0,8		1,25		0 to +60	SMA	
VBB 1002	20		0,40		1,25		30	solder tabs	
VKB 1007	40		0,80		1,25		30	N, SMA	
VKB 1008	40		0,80		1,25		30	N, SMA	
VAB 1009	25		0,40		1,25		30	N, SMA	
VAB 1010	25		0,40		1,25		30	N, SMA	
VAB 1011	25		0,40		1,25		30	N, SMA	

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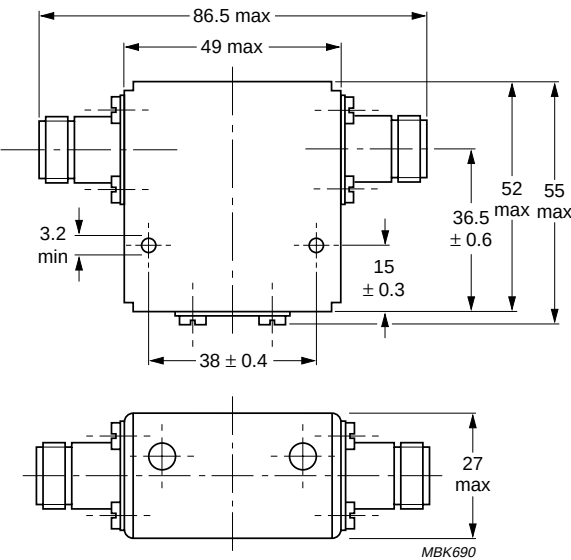
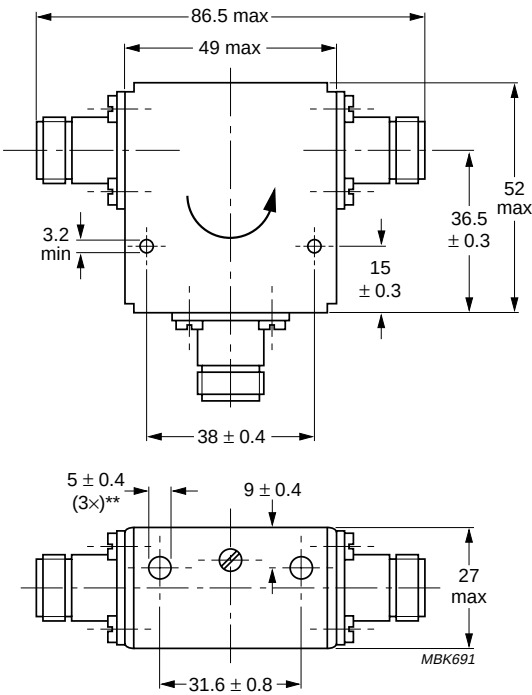


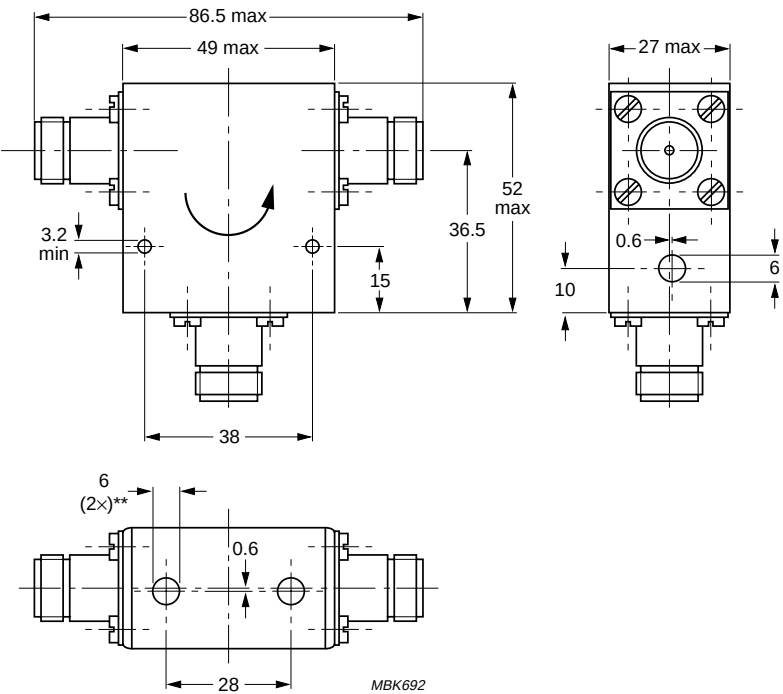
Fig.1



** note see page before

Fig.2

VHF NARROW-BAND
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** note see page before

Fig.3

VHF NARROW-BAND
CIRCULATORS / ISOLATORS

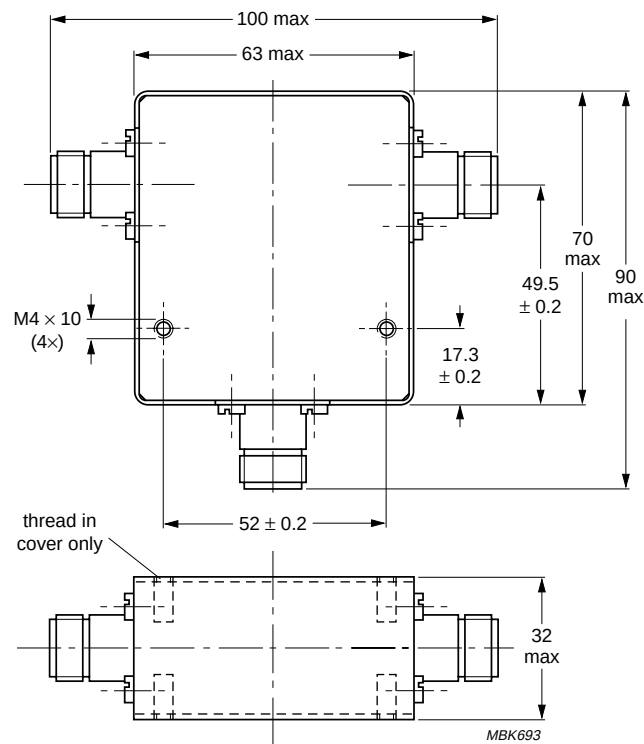


Fig.4

VHF NARROW-BAND
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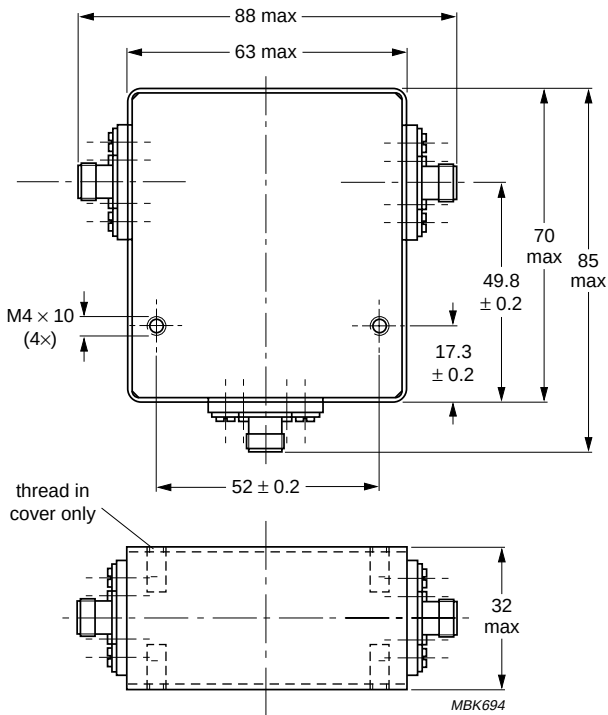


Fig.5

VHF NARROW-BAND
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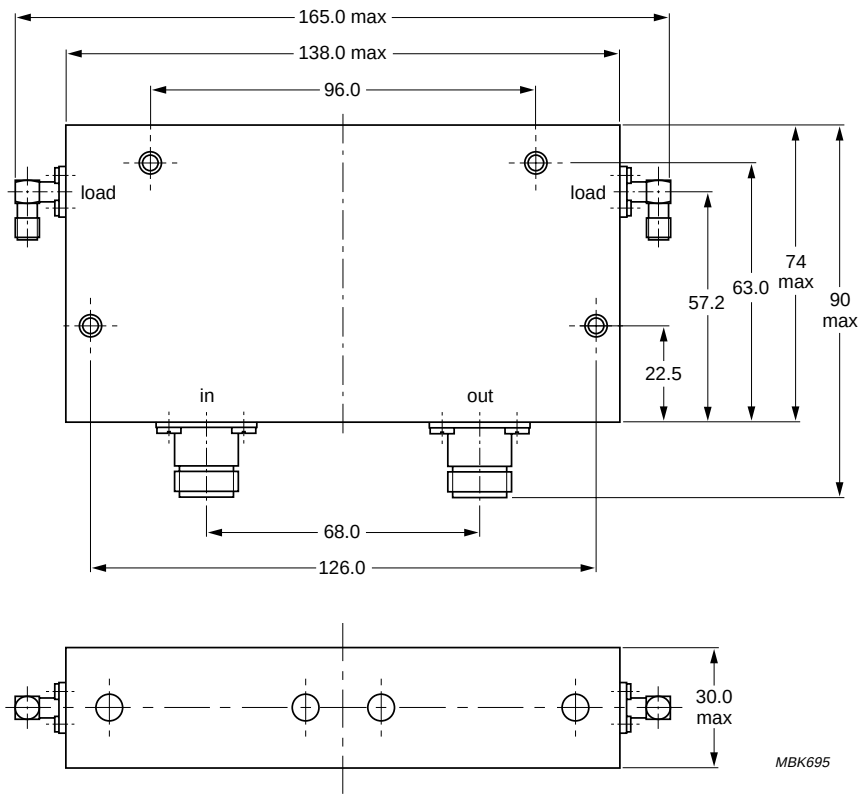


Fig.6

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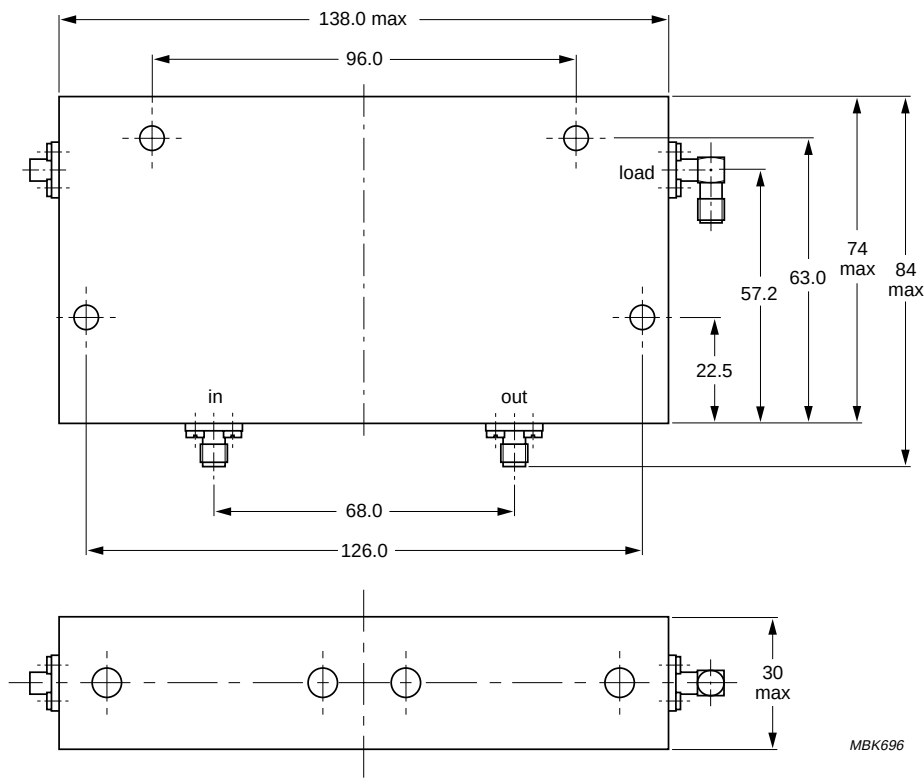


Fig.7

VHF NARROW-BAND CIRCULATORS / ISOLATORS

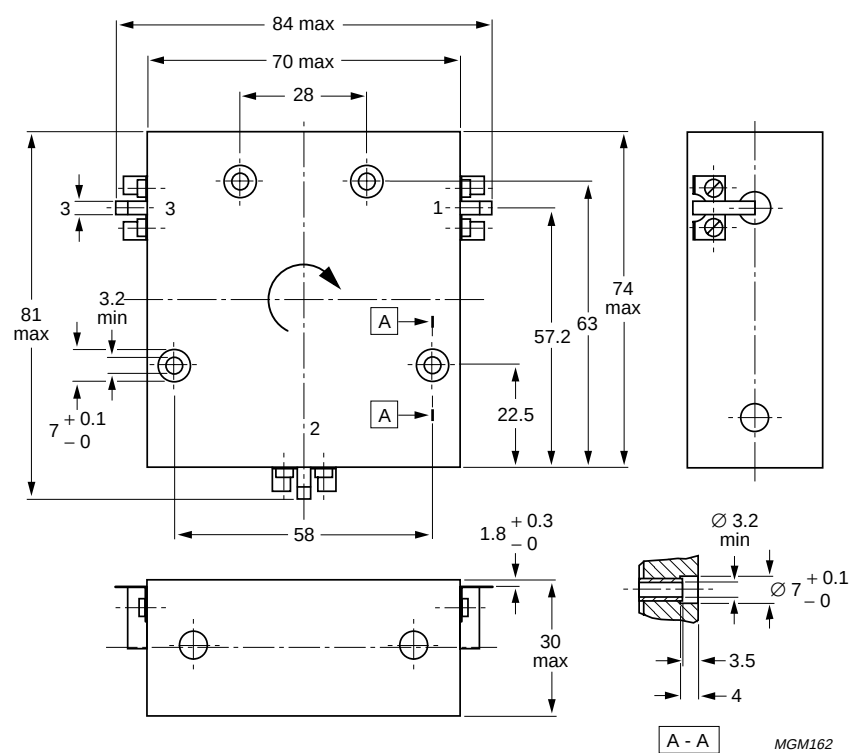


Fig.8

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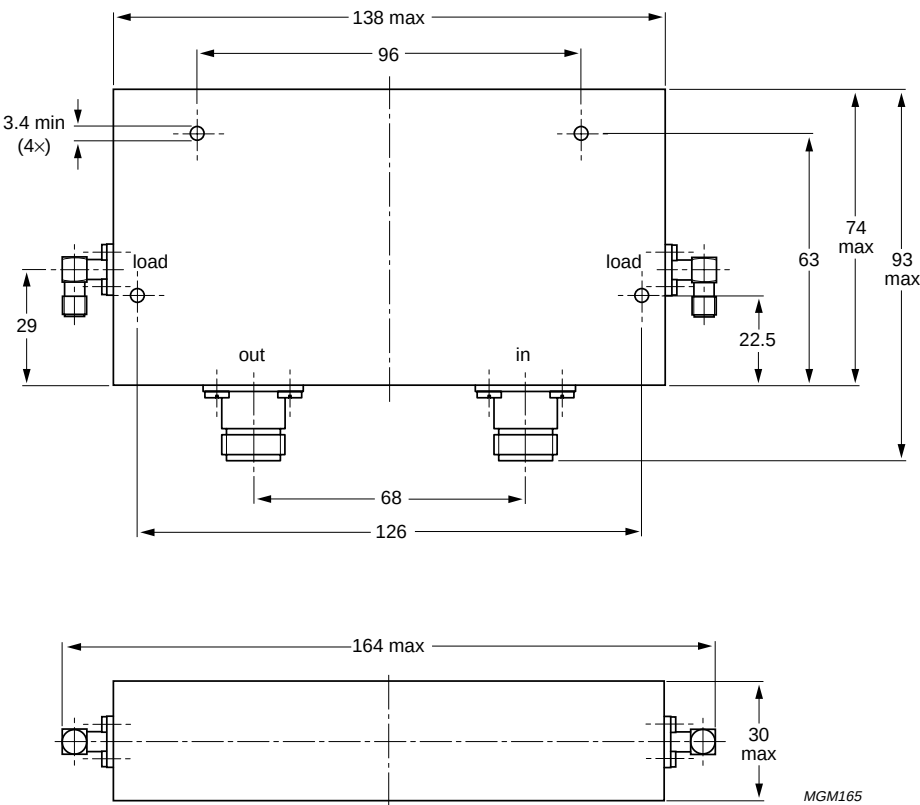


Fig.9

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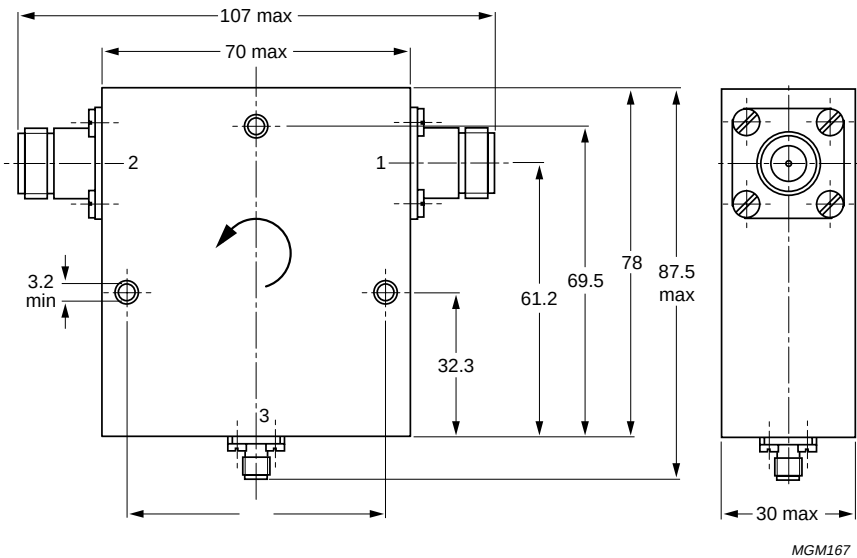


Fig.10