

DATA SHEET

UHF CIRCULATORS / ISOLATORS

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

1998 Feb 20

UHF CIRCULATORS / ISOLATORS

Preferred application: fixed and mobile communication, car telephone base stations

TYPE	DIMENSIONS Fig.	FREQUENCY RANGE MHz	MAXIMUM POWER	
			CW W	REFLECTED W
2722 162 03411 05101	5 6	400 to 470	100	100
2722 162 02931 02981 02921	1	406 to 414 450 to 458 510 to 514	70	70
2722 162 06161 06931 02857	1	406 to 470 455 to 459 460 to 468	100	
2722 162 01555	5	462 to 468	100	
2722 162 06671	1	806 to 960	100	
2722 162 08801	4	935 to 960	60	
2722 162 07361	7	880 to 950	10	
VNJ868B	2	930 to 965	60	
2722 162 07781	3	925 to 960	50	
2722 162 08871	8	424 to 431	100	100
2722 162 08761	9	460 to 470	100	100
2722 162 08901	10	860 to 960	60	50
2722 162 08841	11	870 to 960	20	
VFJ878A	12	925 to 960	40	
VAJ759G	13	935 to 960	70	
2722 162 08721	14	935 to 960	40	
2722 162 06111 05321	15 16	600 to 960	10	
VE 1003A	17	460 to 470	30	
VQE 1005	18	455 to 475	250	
VB 1006	19	925 to 960	50	
VBE 1026	20	440 to 470	200	

UHF CIRCULATORS / ISOLATORS

TYPE		ISOLATION		INSERTION LOSS		VSWR		TEMP. RANGE °C	CONNECTOR	MASS g
		MIN. dB	TYP. dB	MAX. dB	TYP. dB	MAX.	TYP.			
2722 162	03411 05101	20	25	0,5	0,35	1,25	1,15	−10 to +60	N female SMA female	400
2722 162	02931 02981 02921	45	55	1,0 0,8 0,8	0,7 0,6 0,6	1,25	1,15	−10 to +60	N female	700
2722 162	06161 06931 02857	50	55 – –	0,8 0,6 0,6	0,7 – 0,4	1,25	1,15 – –	−20 to +60 −10 to +60 −10 to +60	N female	700
2722 162	01555	25		0,5		1,20		−10 to +60	N female	400
2722 162	06671	45	55	0,8	0,5	1,25	115	−10 to +60	N female	700
2722 162	08801	50		0,6		1,25		−10 to +55	N	340
2722 162	07361	22		0,4		1,20		−10 to +50	SMA female	120
VNJ868B		45		0,7		1,20		−10 to +85	SMA female	400
2722 162	07781	20		0,5		1,25		−10 to +85	solder pins	40
2722 162	08871	45		0,7		1,25		−10 to +85	SMA female	
2722 162	08761	45		0,7		1,25		−10 to +85	SMA female	
2722 162	08901	≥ 45		≤ 0,5		≤ 1,25		−10 to +65	N female	
2722 162	08841	20		0,5		1,3		−10 to +85	SMA female	
VFJ878A		≥ 23		≤ 0,35		≤ 1,2		−10 to +85	SMA female	
VAJ759G		20		0,3		1,2		−10 to +85	N	
2722 162	08721	≥ 50		≤ 0,5		≤ 1,20		+10 to +35	N, MCX	
2722 162	06111 05321	13	15	0,9	0,6	1,65	1,4	−25 to +65	SMA female	400
VGE 1003A		23		0,35		1,20		−10 to +85	solder tabs	
VQE 1005		45		0,50		1,20		−10 to +85	N, SMA	
VBJ 1006		20		0,30		1,25		–	solder tabs	
VBE 1026		25		0,25		1,15		+5 to +40	solder tabs	

Note

1. 2x semi-rigid cable

UHF CIRCULATORS /
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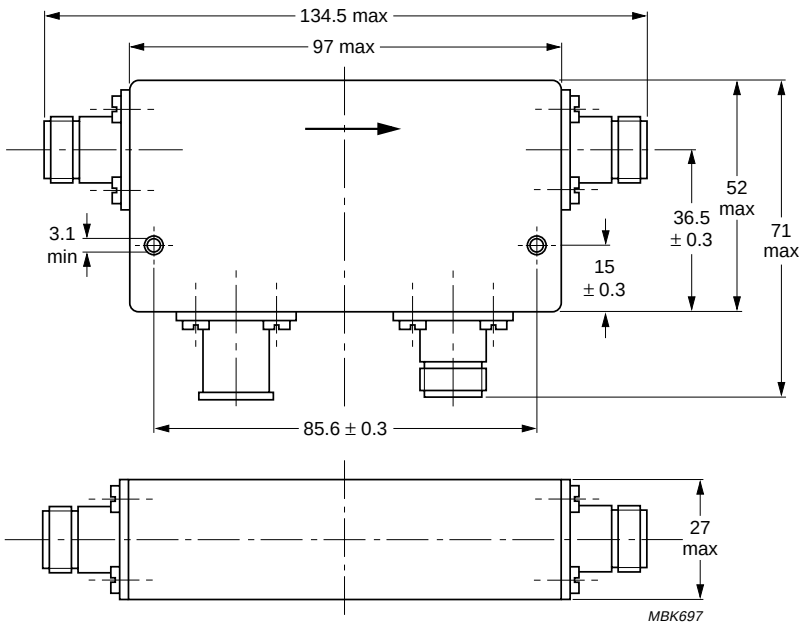


Fig.1

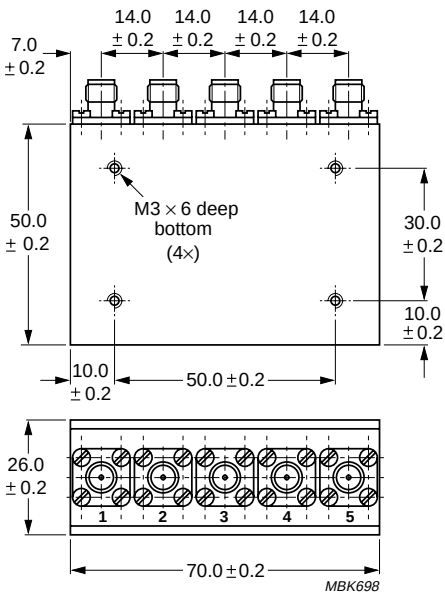


Fig.2

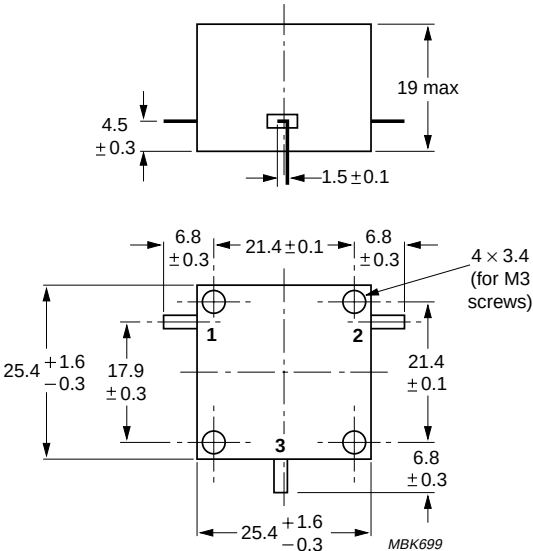


Fig.3

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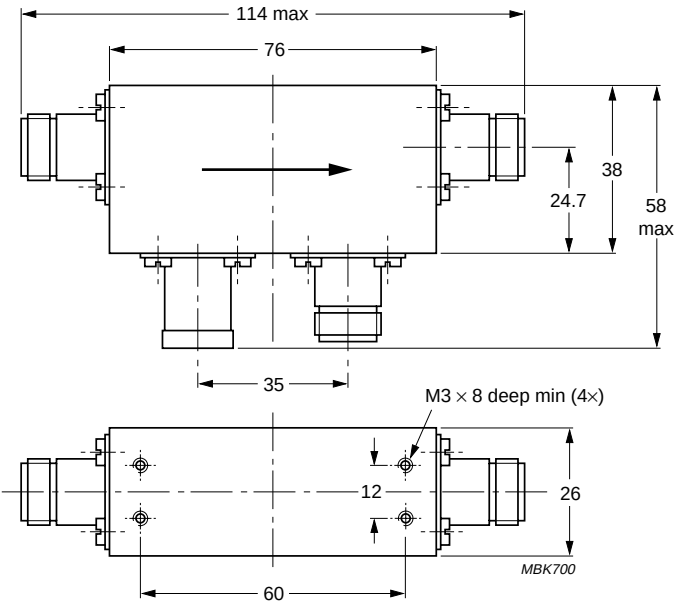


Fig.4

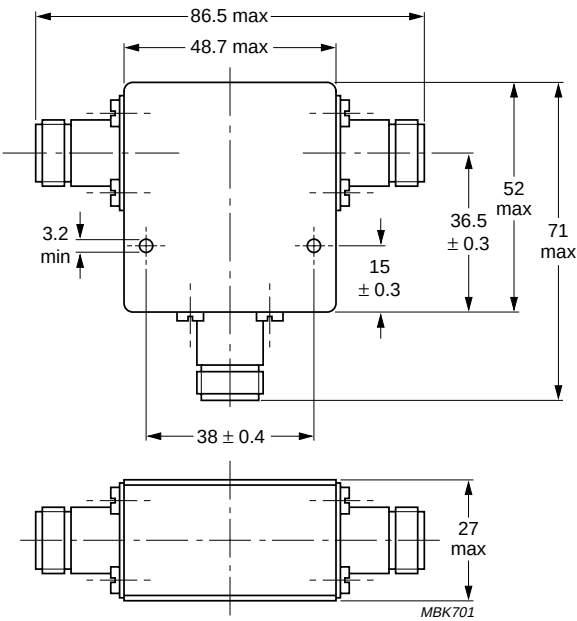


Fig.5

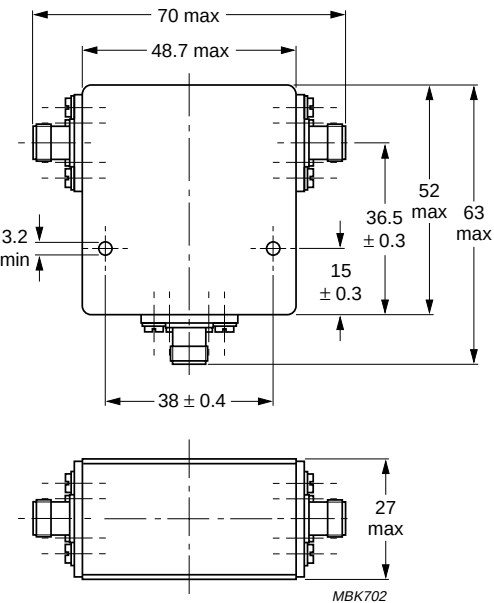


Fig.6

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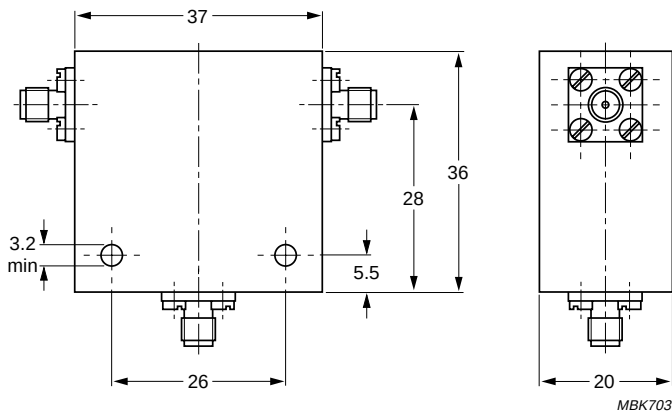


Fig.7

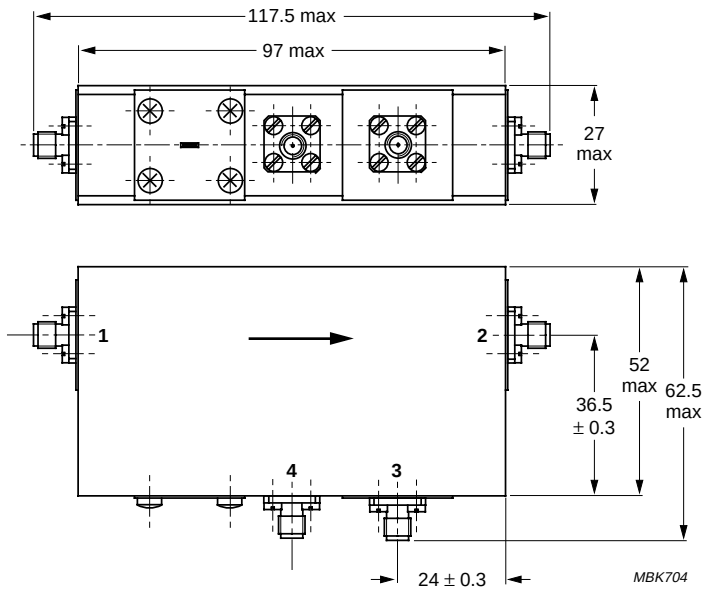


Fig.8

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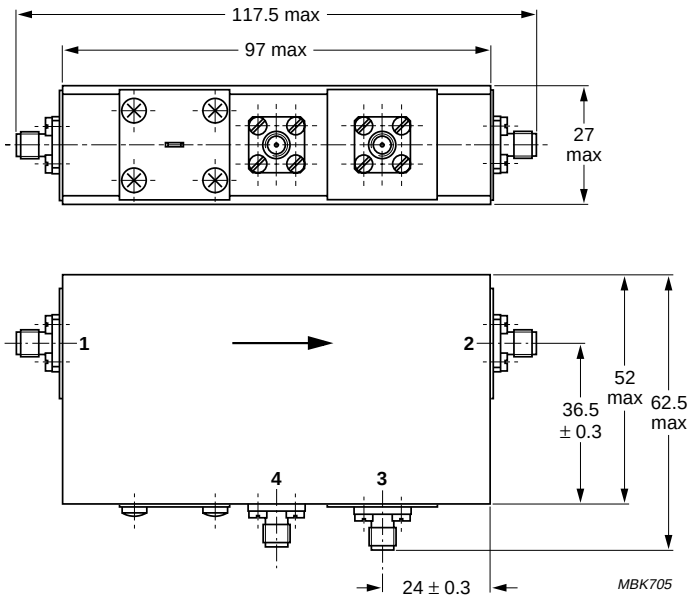


Fig.9

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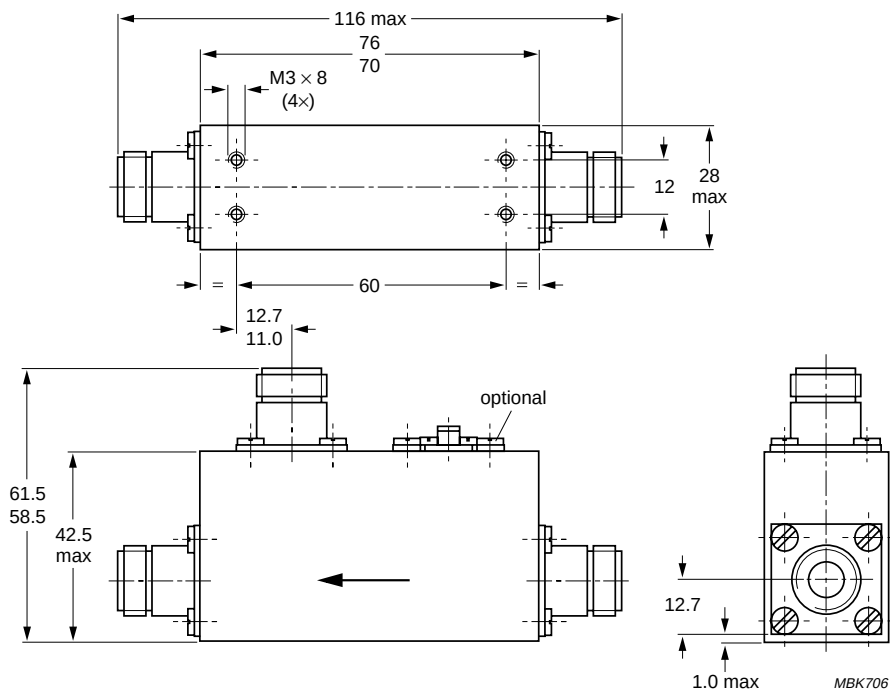


Fig.10

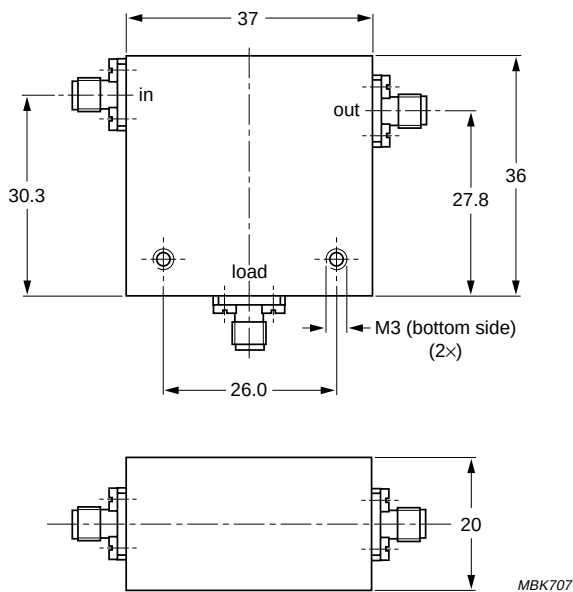


Fig.11

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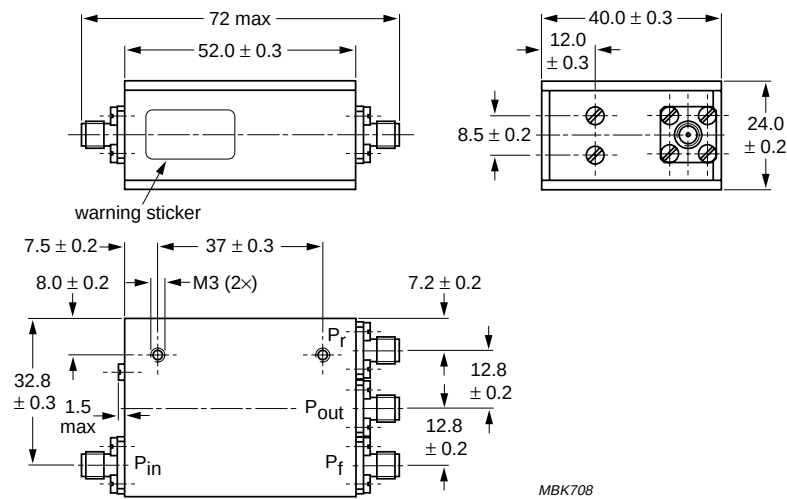


Fig.12

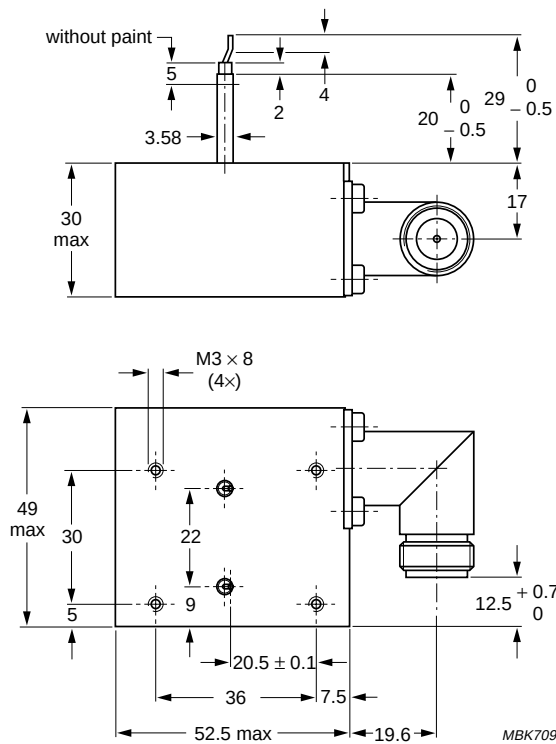


Fig.13

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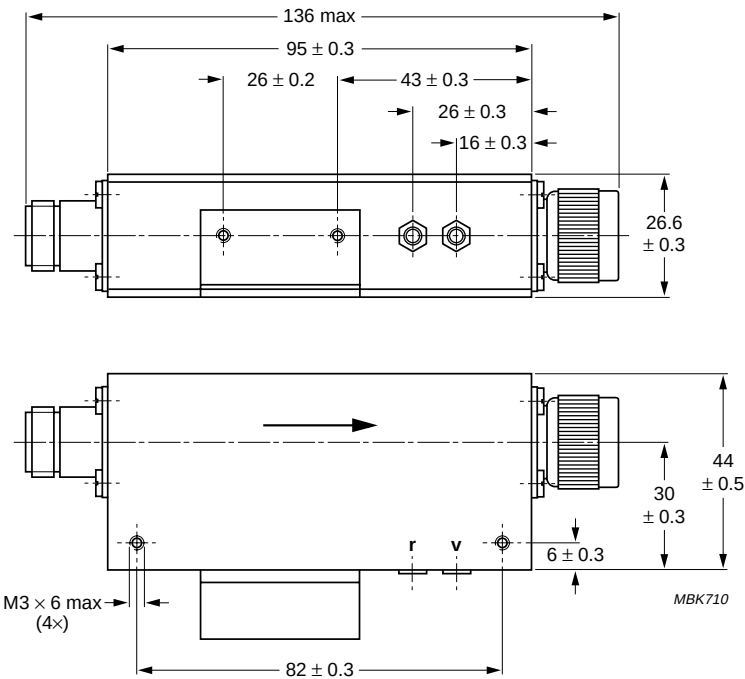


Fig.14

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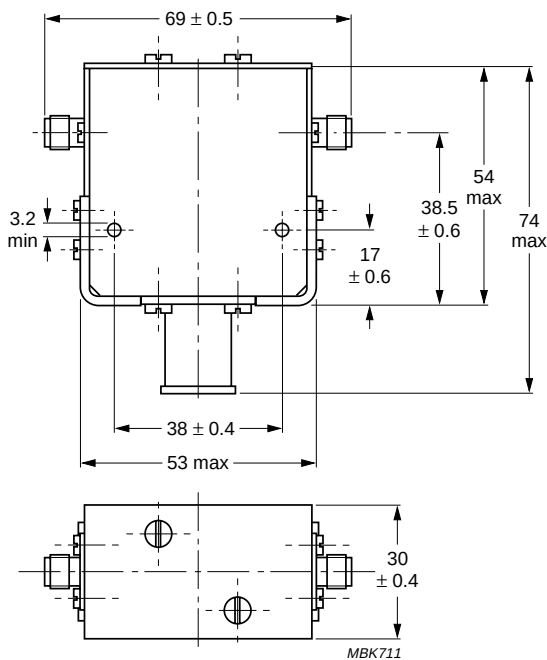


Fig.15

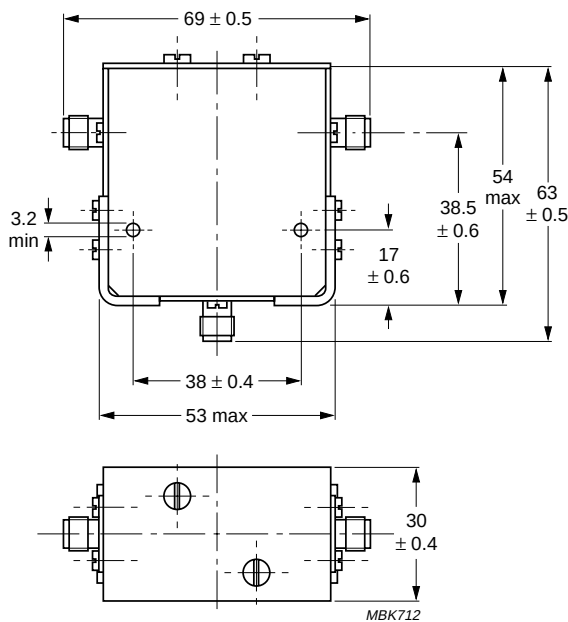


Fig.16

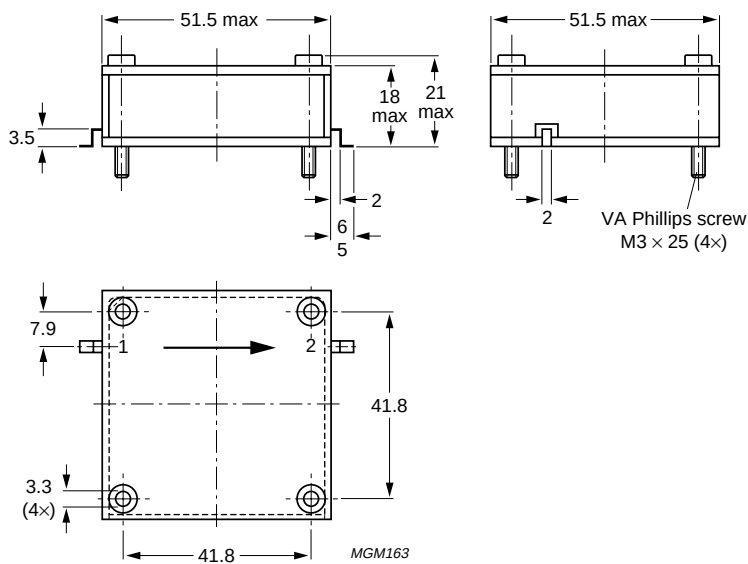


Fig.17

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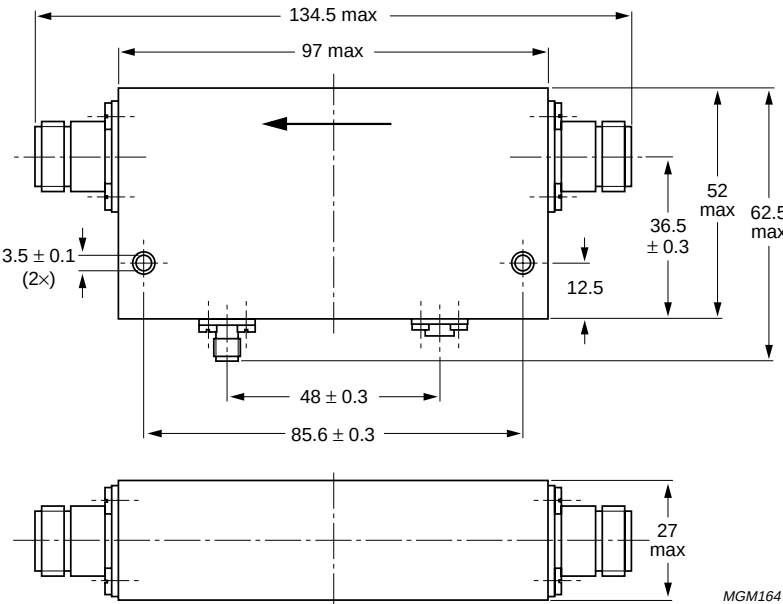


Fig.18

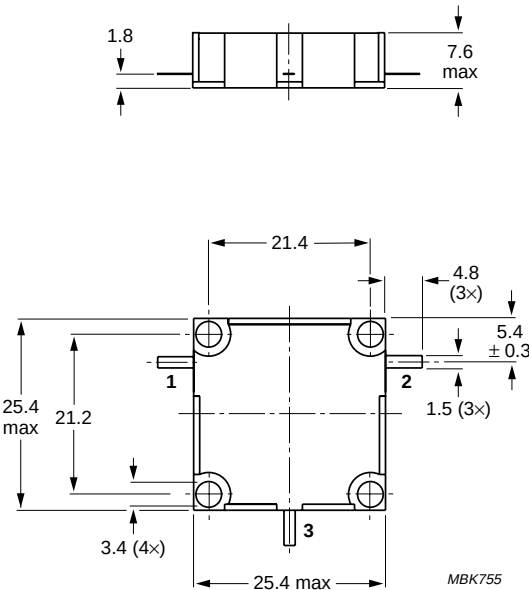


Fig.19

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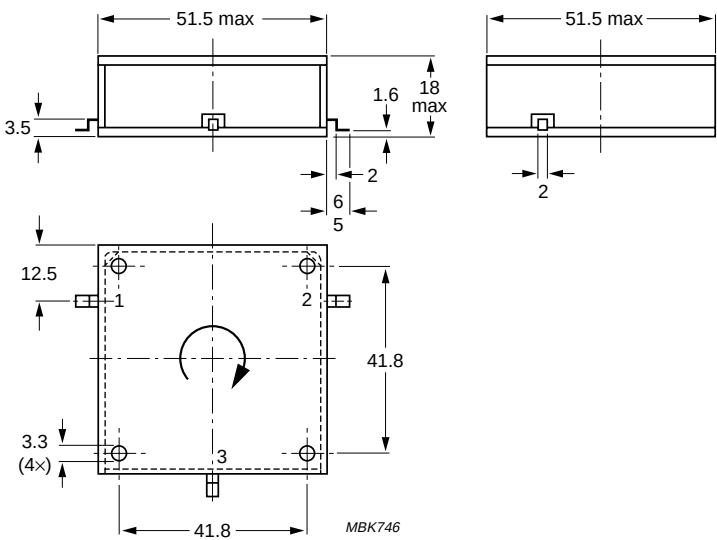


Fig.20