

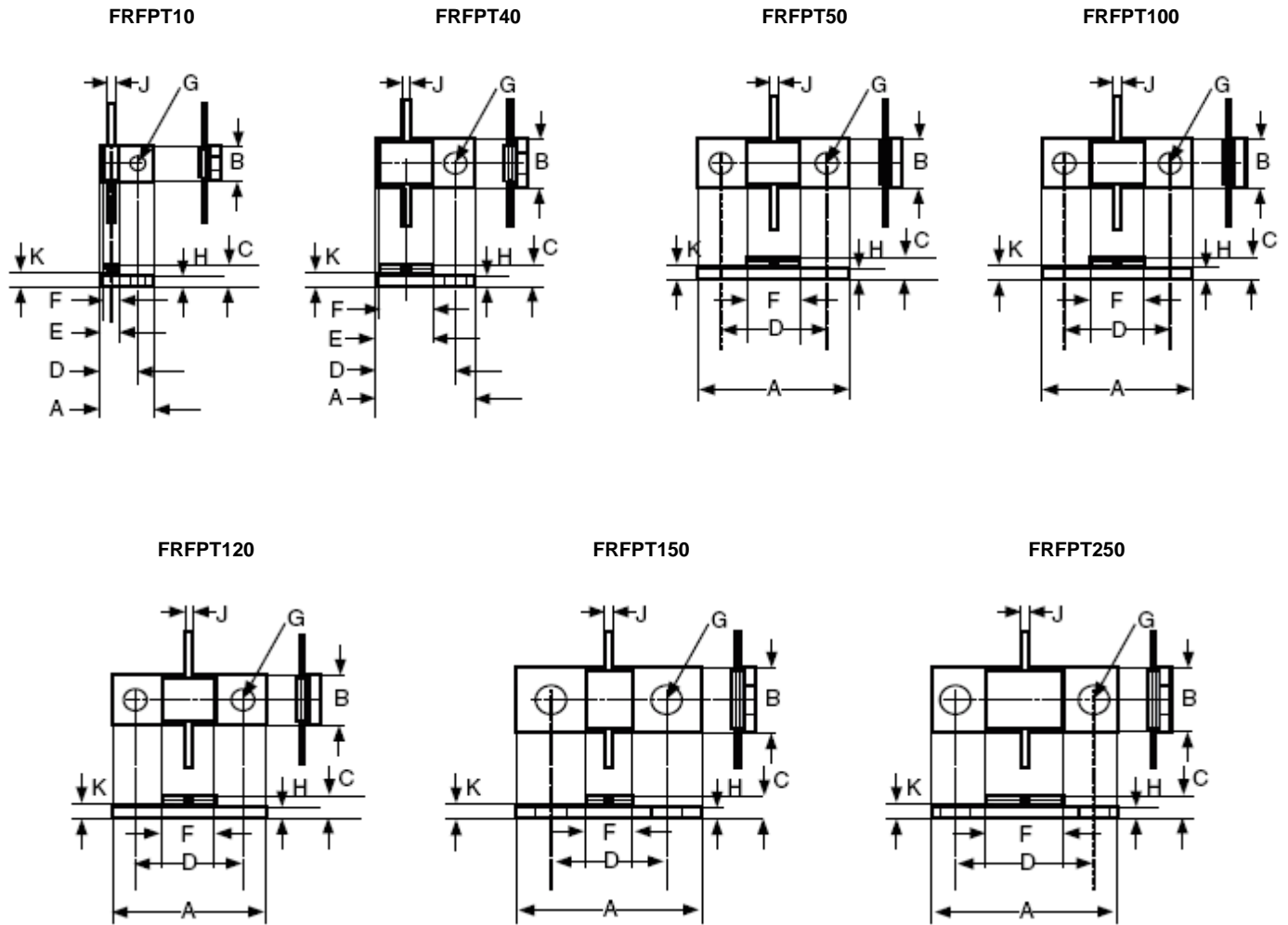


## DIMENSIONS (mm)

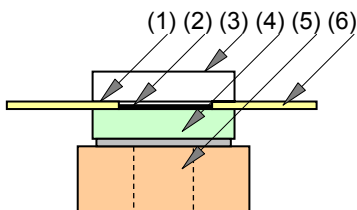
Model	A	B	C	D	E	F	G	H	J	K
FRFPT10	7.6	5.08	3.1	5.08	2.5	3.0	2.9	1.5	0.8	2.1
FRFPT40	13.0	6.35	3.1	9.9	-	6.8	2.9	1.5	0.8	2.1
FRFPT50	20.3	5.70	3.1	14.2	-	7.0	3.2	1.5	1.5	2.6
FRFPT100	20.3	5.70	3.1	14.2	-	7.0	3.2	1.5	1.5	2.6
FRFPT120	20.3	6.35	3.1	14.2	-	8.9	3.2	1.5	0.8	2.2
FRFPT150	20.3	5.70	3.1	14.2	-	7.0	3.2	1.5	1.5	2.6
FRFPT250	25.0	9.53	4.6	18.42	-	9.6	3.2	3.0	3.0	4.1

All lead lengths: 6.35mm and lead thickness: 0.1mm

## SCHEMATIC



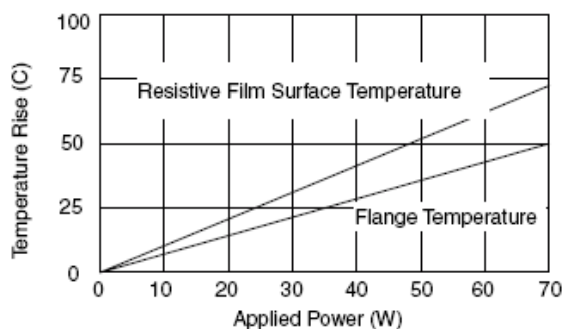
## Materials



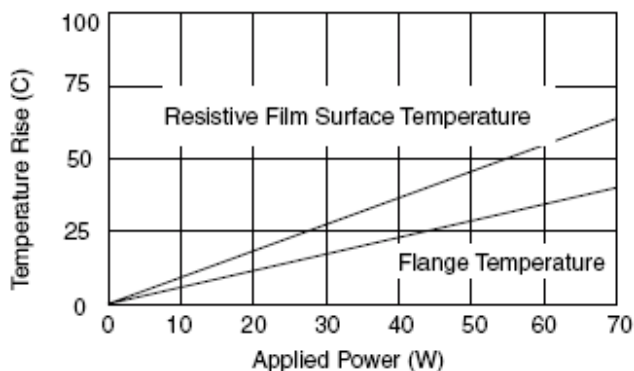
	Substance	Material
(1)	Beam Lead	Au plated Cu
(2)	Resistive	Ni-Cr
(3)	Cover	ALO
(4)	Substrate	ALN
(5)	Flange	Ni plated Cu
(6)	Beam Lead	Au plated Cu

## THERMAL CHARACTERISTICS

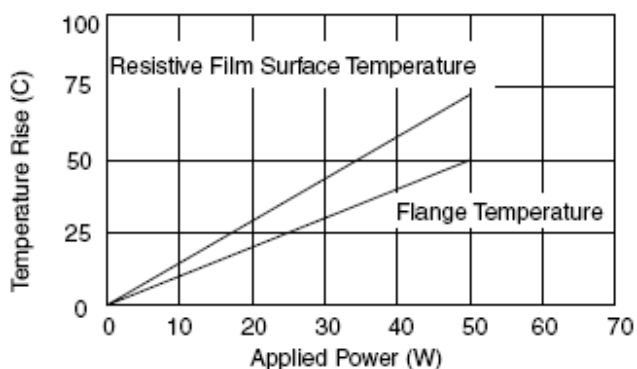
Temperature Rise, FRFPT50-100FYB (100Ω)



Temperature Rise, FRFPT150-100FYB (100Ω)

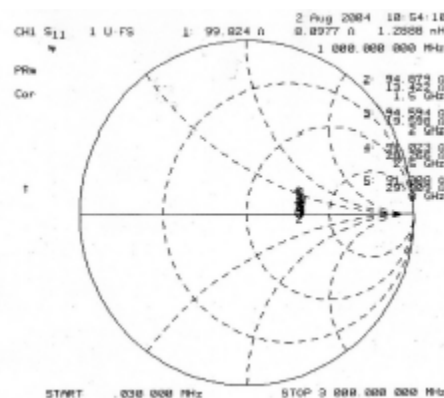


Temperature Rise, FRFPT250-100FYB (100Ω)

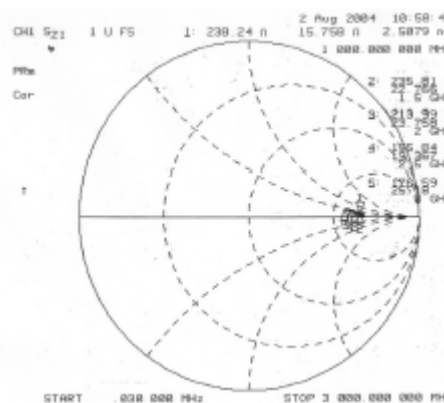


## RF CHARACTERISTICS

S11 Characteristics, FRFPT150-100FYB (100Ω)



S21 Characteristics, FRFPT150-100FYB (100Ω)



S22 Characteristics, FRFPT150-100FYB (100Ω)

