



RALEC .M	FTT 3 È " 2 " • Ô Ô Õ 1 ± —	1 &	IE-SP-087
		€ • °	2020/12/31
		d	2

3 Õ 1 Ä ; !

q	•ó DW	(/ •ó •ø	(/ xD • •ø	T.C.R. (ppm/ W)

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•	Ú ö â Ú ô ã > l y Ñ 1	Series No. <b>60</b>								

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		€ • °	2020/12/31
		d	3

3.2 • Ó • ø :

• Ó • ø : ù - • Ó D W Đ " ¬ ¬ ¬ (X " ¼ W v rms) • ø ö  
 Q " È æ ³ ô ` ³ Đ v ) ¬ x Õ 1 Ä ã Đ (/ • ø ô p 0 (/ • Ó • ø Á •  
 • Ó • ø ö

$$E = \bullet \acute{O} \bullet \emptyset \text{ (V)}$$

$$P = \bullet \acute{O} D W (W)$$

$$R = \text{\ae} \in \acute{O} v ( )$$

4 ° ; !

5 H , Û :

1	` w H	Ceramic substrate	6	2nd á È k	2nd Protective coating
2	_ ã ý • u	Bottom inner electrode	7	÷ ø	Marking
3	... _ ã ý • u	Top inner electrode	8	A_ ã ý • u	Terminal inner electrode
4	• Ô k	C 'SDH: ý"i0gRHXž,êh" 16!x( H ý # aS8 1Á Đ}™4"AS† Á Đ}A&•P			

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		d	4

6 P ~ B M è ž :

6.1 • ; È B M (Electrical Performance Test)

Item è ž	Conditions 1	Specifications Õ 1	
		Resistors	Jumper
Temperature Coefficient of Resistance • K i §	TCR ppm / W h $\times 10^6$ R1:; • Æ ó Đ Ô v ( ) R2:-55 W +125 W Æ ó Đ Ô v ( ) T1:; • Đ • K ( W) T2:-55 W +125 W Đ • K ( W) ö  i ö JIS-C5201-1 4.8	V 53. Õ 1 Ä	NA
Short Time Overload - Ô x D »	C 2.5 m ' • Ó • ø 5 p ô É ü 30 é Š 0 ç Æ Æ ó Ô v B i W ö ( • Ó • ø v N V 5 3. Õ 1 Ä)  i ö JIS-C5201-1 4.13	0.1% ã 0.5% ã 1%: Æ R% = ± 1.0% 5%: Æ R% = ± 2.0%	V 53. Õ 1 Ä
Dielectric Withstand Voltage J • ø	' 2 " • Ö ü - o € ç ô ç ... ð D u   C VAC ( V 5 É ) FTT01 ð 02 ð 03 " 300 VAC a é Š FTT05 ã 06 ã 12 ã 20 ã 25 " 500 VAC a é Š  i ö JIS-C5201-1 4.7 ü - a • Í ô   C 2.5 m • Ó • ø ô 1 p ON ô 25 p OFF ô @ 10000 + 400 / - 0 U — @ É ü 60 é Š U Æ ó Ô v B i Æ ö Jumper:   C ( / x D » • - :	- a ( „ \ • ö	

Intermittent Overload » x D »

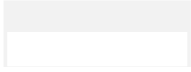
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•	Ú ö â Ú ô ã > I y Ñ 1	Series No. 60

6.2 È B M (Mechanical Performance Test)

Item è ž	Conditions 1	Specifications Õ 1	
		Resistors	Jumper
Solderability L´	<p>û À [ : ' 2 " • Ô + ü - PCT B M ã ô ç • K 105 W ö 8 K100% ÷ ; ø 1.22×10<sup>5</sup> pa ' « © 1 ¾ l 4 » ' 4 ĩ ó B ô — @ U É ü - ; • 2 » ö ó B dú ' • Ô F - 235±5 W Ð W í 2 p U — @ ü - l &gt; € ø L ´ _ H ö</p> <p>i õ JIS-C5201-1 4.17</p>	<p>ä O P ´ _ H µ - 95% ö</p>	
Resistance to Soldering Heat Ü L ´ x	<p>H ó B è ž &lt; ( L ´ W ó B ) : F - 260+5/-0 š Ð ´ W í 10 p +1/-0 ô — @ É 60 é Š 0 ç ô Æ Æ ó Ô v B i W ö</p> <p>H ó B è ž ´ ( L B W ó B ) : F - 260+5/-0 š Ð ´ W í 30+1/-0 p ô — @ U ± C ö ü - l &gt; € ø L ´ _ H ö</p> <p>H ó B è ž Ÿ ( • Y Ó B M ) : C x • K : 350 210 š ! Y Ó C x Ô : 3+1/-0 sec. — • Ó C x - • u • „ U ô — @ É ü 60 Š 0 ç ô Æ Æ ó Ô v B i W ö !</p> <p>i õ JIS-C5201-1 4.18 !</p>	<p>B M è ž &lt; : (1) Ô v B i W : FR%=±1.0%</p> <p>B M è ž ´ : (1). ä O P ´ _ H µ - 95% ö (2). ç • u À Ì @ % k ´ , f ( o õ › w H ) ö</p> <p>B M è ž Ÿ : (1). Ô v B i W ú FR%=±1.0%</p>	<p>V 53. Õ 1 Ä</p>
Joint Strength of Solder L ´ ! Ý @ K	<p>Õ ü é ó B : ! ' 2 " • Ô L - û é ó B H í ô ü - û é ó B ç ô ç ó B H í g   š ø ô - D » Æ ó Ô v B i W ö ø A K ( D ) : FTT02 ö 03 ö 05=5mm FTT01 ö 06 ö 12=3mm FTT20 ö 25=2mm</p> <p>i õ JIS-C5201-1 4.33</p>	<p>FR%=±1.0%</p>	<p>V 53. Õ 1 Ä</p>

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		d	6

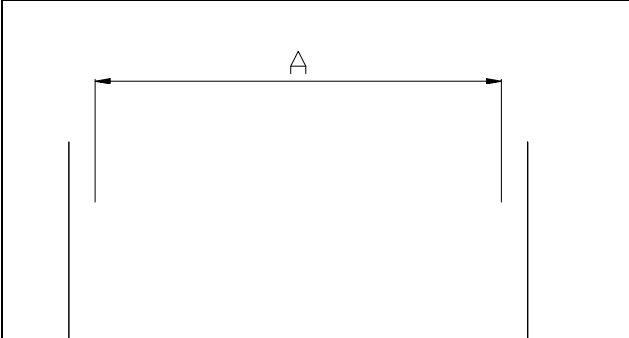
6.3 I Ü B M (Environmental Test)



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		€ • °	2020/12/31
		d	7

7 Ô v ó B E 8 ± — Æ ó O ü ú!

_ • u Æ ó		Unit : mm	
 <p>Vc</p>	DIM	A	B
	TYPE		
	FTT01	0.44 ±0.05	0.22 ±0.05
	FTT02	0.80 ±0.05	0.24 ±0.05
	FTT03	1.35 ±0.05	0.35 ±0.05
	FTT05	1.80 ±0.05	0.35 ±0.05
	FTT06	2.90 ±0.05	0.35 ±0.05
	FTT12	2.90 ±0.05	0.35 ±0.05
	FTT20	4.50 ±0.05	1.15 ±0.05
FTT25	5.90 ±0.05	1.60 ±0.05	

8 Ó k K ú

8.1 {k K :j 2T#

8.2 a' :j 3T#

8.3 • Ó a' Á & '

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.M FTT 3 È " 2 " • Ô Ô Õ 1 ± —

1 &

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RALEC  
.M FTT

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.M

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