

TRIMMER POTENTIOMETER

METAL GLAZE • CARBON FILM

C2xxx, C3xxx, C4xxx • KVSF807LG

FEATURES

- Metal-Glaze resistor elements ensure highly stable performance against environmental conditions
- Linear resistance change characteristics
- 2 terminal type (current adjust) and 3 terminal type (voltage adjust) are available
- C4315: Suitable for reflow and wave soldering

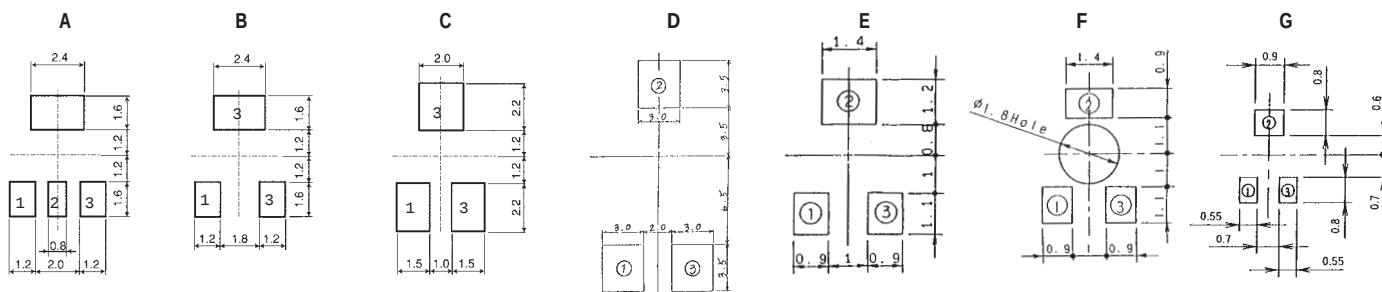
TYPE DESIGNATION (HOW TO ORDER)

Old Part No.	C	4222	T	10K
New Part No.	C	4222	TE	103
	PRODUCT CODE	STYLE	TERMINATION SURFACE MATERIAL	TAPING*
			L: Sn/Pb A: Sn/Ag C: Sn/Cu (only C4315)	NOMINAL RESISTANCE 3 digits

RATINGS

TYPE	T.C.R. (ppm/K)	POWER RATING	RESISTANCE RANGE (E6 & 1, 2, 3, 5 x 10 ⁿ)	RESISTANCE TOLERANCE	ROTATION ANGLE	MAX. WORKING VOLTAGE	RATED AMBIENT TEMPERATURE	OPERATING TEMPERATURE RANGE	OPERATION TORQUE
C2334 C3xxx	±300	0.05 W 0.15 W	100Ω...2.2MΩ	± 25%	250° ± 20° (Endless)	30 V 50 V		-40°C...+100°C	0.5...15 mN • m
C4xxx (except C4315)	±250	0.2 W	100Ω...1MΩ	± 30%	270° ± 20° (Endless)	100 V	+70° C	-30°C...+100°C	2...20mN • m
C4315		0.1 W		± 25%	250° ± 20° (Endless)	50 V			
KVSF807LG	—		200 Ω... 1MΩ	± 30%	280° ± 15°	100 V	+ 50°C	-10°C...+70°C	3...35 mN • m

RECOMMENDED PAD DIMENSIONS (mm)

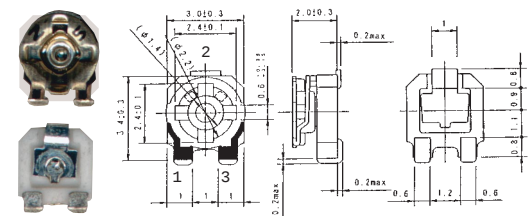


DIMENSIONS (mm)

VOLTAGE ADJUSTING TYPE

C3334 METAL GLAZE, SMALL TYPE

(Wiper on opposite side)



Recommend Pads: E

Equivalent Circuit



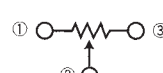
C3307 METAL GLAZE, LOW HEIGHT

(Thin type of 3334)



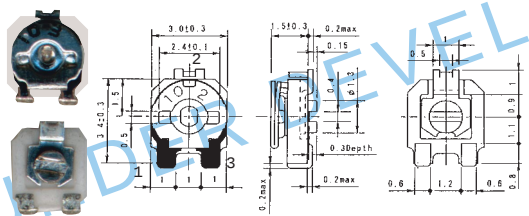
Recommend Pads: E

Equivalent Circuit



C3324 METAL GLAZE, BOTH SIDES ADJUSTABLE

(Wiper on opposite side)



Recommend Pads: F

Equivalent Circuit



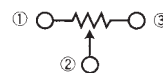
C2307 METAL GLAZE, SUPER SMALL TYPE

(Wiper on opposite side)



Recommend Pads: G

Equivalent Circuit



TRIMMER POTENTIOMETER (METAL GLAZE • CARBON FILM)

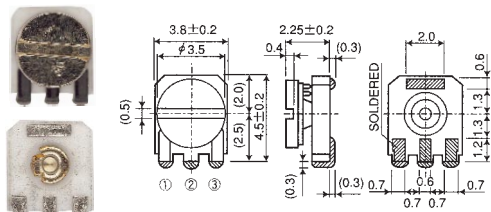
DIMENSIONS (mm)

VOLTAGE ADJUSTING TYPE

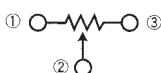
C4312 METAL GLAZE, STANDARD

(Wiper on same side, opposite pad not connected)

Recommend Pads: A



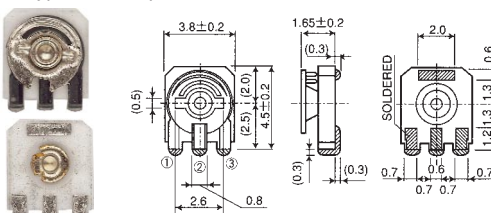
Equivalent Circuit



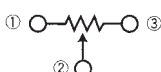
C4302 METAL GLAZE, LOW HEIGHT

(Thin type of C4312)

Recommend Pads: A



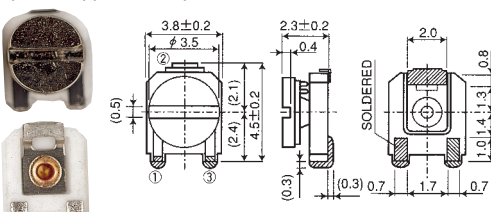
Equivalent Circuit



C4314 METAL GLAZE, STANDARD

(Wiper on opposite side)

Recommend Pads: B



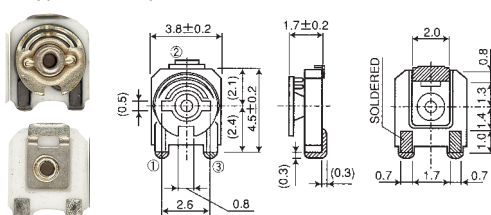
Equivalent Circuit



C4304 METAL GLAZE, LOW HEIGHT

(Thin type of C4314)

Recommend Pads: B



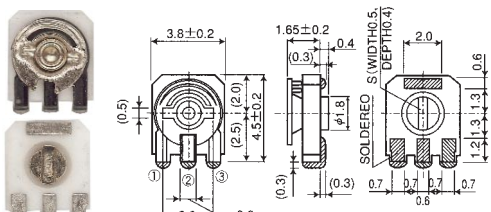
Equivalent Circuit



C4322 METAL GLAZE, BOTH SIDES ADJUSTABLE

(Wiper on same side, opposite pad not connected)

Recommend Pads: A



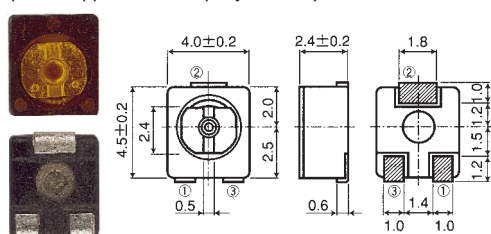
Equivalent Circuit



C4315 METAL GLAZE, FLOW SOLDERING TYPE

(Wiper on opposite side, epoxy molded)

Recommend Pads: C



Equivalent Circuit

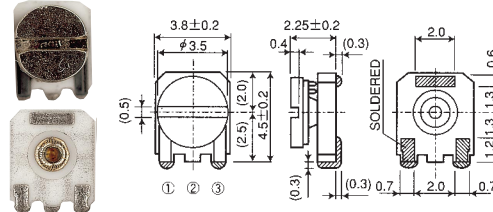


CURRENT ADJUSTING TYPE

C4212 METAL GLAZE, STANDARD

(Wiper internal connected to ③, opposite pad not connected)

Recommend Pads: B



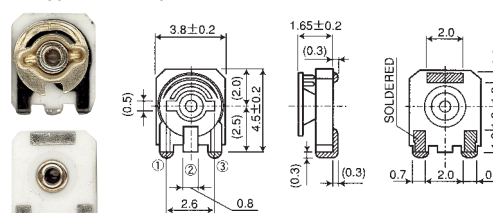
Equivalent Circuit



C4202 METAL GLAZE, LOW HEIGHT

(Thin type of C4212)

Recommend Pads: B



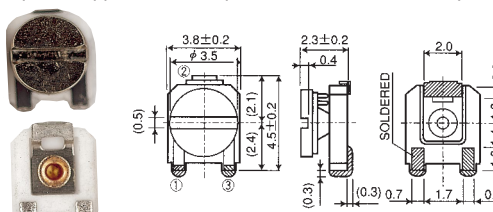
Equivalent Circuit



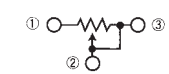
C4214 METAL GLAZE, STANDARD

(Wiper on opposite side, wiper internal connected to ③)

Recommend Pads: B



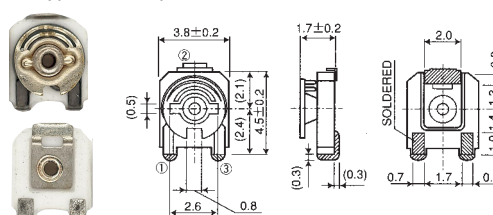
Equivalent Circuit



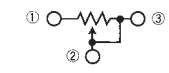
C4204 METAL GLAZE, LOW HEIGHT

(Thin type of C4214)

Recommend Pads: B



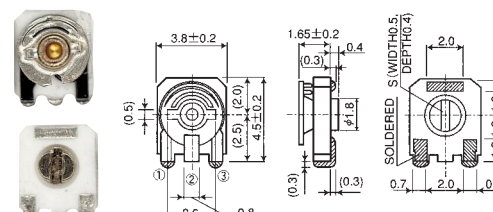
Equivalent Circuit



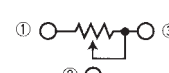
C4222 METAL GLAZE, BOTH SIDES ADJUSTABLE

(Wiper internal connected to ③, opposite pad not connected)

Recommend Pads: B



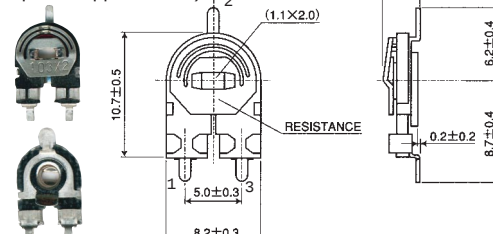
Equivalent Circuit



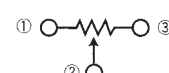
KVSF807LG CARBON FILM

(Wiper on opposite side)

Recommend Pads: D



Equivalent Circuit



Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order and/or use.