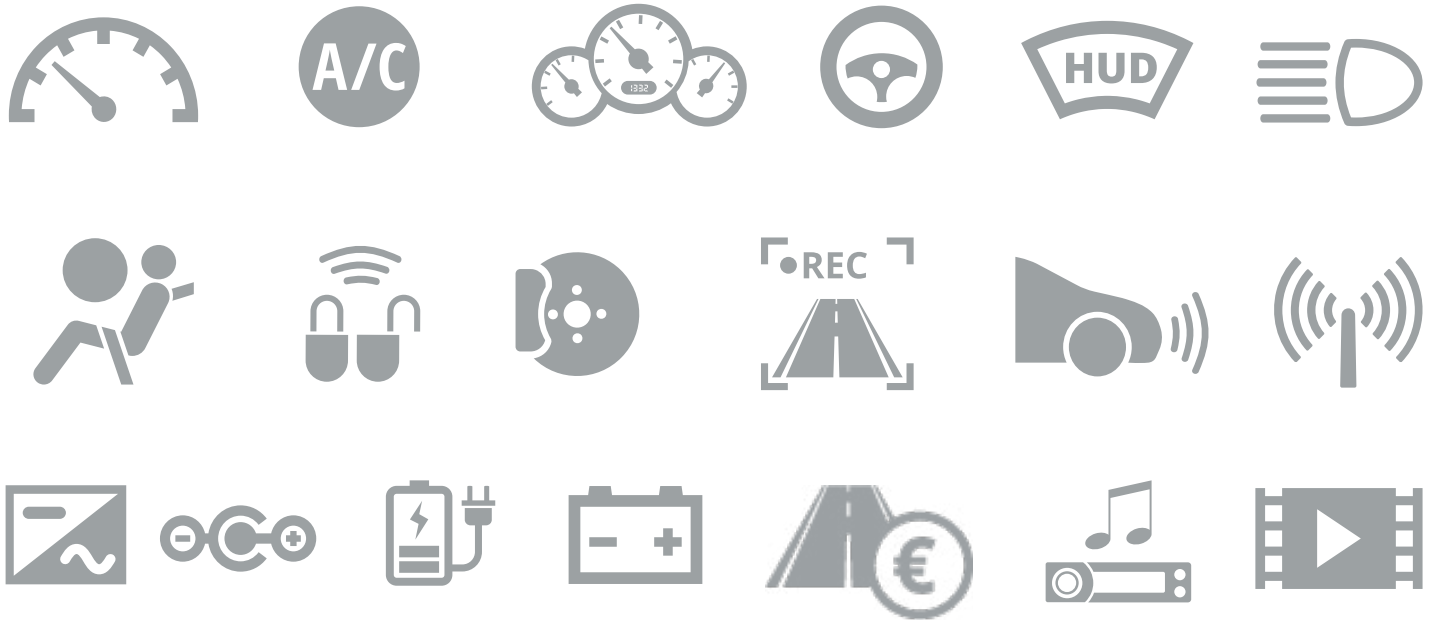




# AEC-Q200 COMPLIANT PASSIVE COMPONENTS SELECTION GUIDE



## ALUMINUM ELECTROLYTIC CAPACITORS

EEE - T	125°C, Surface Mount
EEV - T	125°C, Surface Mount
EEE - F	105°C, Surface Mount, Low Impedance
EEV - F	105°C, Surface Mount, Low Impedance
EEE - H	105°C, Surface Mount
EEE - 0, 1, 2	85°C, Surface Mount
EEU - T	125°C, Through Hole
EEU - FK, FC	105°C, Through Hole, Low Impedance
EEU - FP	105°C, Through Hole, High Ripple Current
EEU - HD	105°C, Through Hole
EEA - GA	105°C, Through Hole
ECA - __HG	105°C, Through Hole
ECA - __M	85°C, Through Hole
ECE - __KA, KS	85°C, Through Hole

## CONDUCTIVE POLYMER HYBRID ALUMINUM ELECTROLYTIC CAPACITORS

EEH - Z	Surface Mount
EEH - AZ	Through Hole

## FILM CAPACITORS

ECW - FG	PP Film, Boxed
ECQ - UAxxxxTx/Sx	PP Film, Boxed, Class X2

## THIN FILM CHIP RESISTORS, HIGH RELIABILITY TYPE

ERA - 2A	0402, 1/16W, All Tolerances
ERA - 3A	0603, 1/10W, All Tolerances
ERA - 6A	0805, 1/8W, All Tolerances
ERA - 8A	1206, 1/4W, All Tolerances

## HIGH PRECISION THICK FILM RESISTORS

ERJ - PB	1608, 2012
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## CURRENT SENSING CHIP RESISTORS, THICK FILM TYPE

ERJ - L	All Case Sizes, Low TCR Type, Low Ohmic Value
ERJ - 2B / LW / BW	0402, Low Ohmic Value
ERJ - 3B / R / LW / BW	0603, Low Ohmic Value
ERJ - 6B / R / D / LW / BW / CW	0805, Low Ohmic Value
ERJ - 8B / R / CW / BW	1206, Low Ohmic Value
ERJ - 12R	1812, Low Ohmic Value
ERJ - 12ZQ / S	2010, Low Ohmic Value
ERJ - 14B / R	1210, Low Ohmic Value
ERJ - 1TR	2512, Low Ohmic Value

## CURRENT SENSING CHIP RESISTORS, METAL PLATE TYPE

ERJ - MS	2512, 2526
ERJ - MB	1020

## HIGH POWER CURRENT SENSING CHIP RESISTORS

ERJ - A1	1225, Wide Terminal
ERJ - B1 / B2 / B3	1020/0612/0508, Wide Terminal
ERJ - D1 / D2	0612/1020, Wide Terminal, Low TCR

## ANTI-SURGE/ANTI-PULSE THICK FILM CHIP RESISTORS

ERJ - P	All Case Sizes, Anti Surge
ERJ - T	All Case Sizes, Anti Pulse

## ANTI SULFURATED CHIP RESISTORS

ERJ - C1	1020, Wide Terminal
ERJ - S	All Case Sizes, Au Based
ERJ - U	All Case Sizes except 0201, Ag Pb Based
EXB - U24 / U28 / U2H	2/4/8 Elements Array, 0402 Base
EXB - U34 / U38	2/4 Elements Array, 0603 Base

## CHIP RESISTOR ARRAYS

EXB - 2	2/4/8 Elements Array, 0402 Base
EXB - 3	2/4 Elements Array, 0603 Base

## STANDARD THICK FILM CHIP RESISTORS

ERJ - 2R_D	0402, 1/16W 0.5%
ERJ - 2RKF	0402, 1/10W 1%
ERJ - 2GEJ / 0	0402, 1/10W 5% / JUMPER
ERJ - 3R_D	0603, 1/10W 0.5%
ERJ - 3EKF	0603, 1/10W 1%
ERJ - 3GEYJ / 0	0603, 1/10W 5% / JUMPER
ERJ - 6R_D	0805, 1/10W 0.5%
ERJ - 6ENF	0805, 1/8W 1%
ERJ - 6GEYJ / 0	0805, 1/8W 5% / JUMPER
ERJ - 8ENF	1206, 1/4W 1%
ERJ - 8GEYJ / 0	1206, 1/4W 5% / JUMPER
ERJ - 14NF	1210, 1/2W 1%
ERJ - 14YJ / 0	1210, 1/2W 5% / JUMPER
ERJ - 12NF	1812, 3/4W 1%
ERJ - 12YJ / 0	1812, 3/4W 5% / JUMPER
ERJ - 12SF	2010, 3/4W 1%
ERJ - 12ZYJ / 0	2010, 3/4W 5% / JUMPER
ERJ - 1TNF	2512, 1W 1%
ERJ - 1TYJ / 0	2512, 1W 5% / JUMPER

## NTC CHIP THERMISTORS

ERT - JxxxxxxxM	NTC Thermistor, Surface Mount
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## CHIP VARISTOR

EZJ - PxxxxxxxM	Surface Mount, 0402 / 0603
EZJ - ZxxxxxxxM	Surface Mount, 0603

## POWER CHOKE COILS, METAL COMPOSITE TYPE

ETQ - P_M__ xxx	Surface Mount, Metal
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For complete and current AEC-Q200 compliance information, please reference individual Panasonic part number datasheets at [na.industrial.panasonic.com](http://na.industrial.panasonic.com).