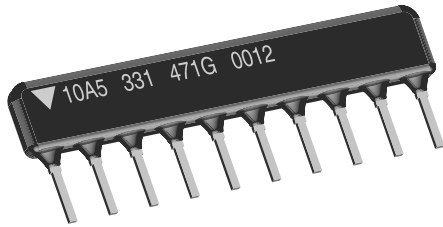


Thick Film Resistor Networks

Single-In-Line, Coated SIP 01, 03, 05 Schematics



FEATURES

- 0.195" [4.95mm] "A", 0.250" [6.35mm] "B"
- "A" profile standard in 4 thru 12 pins
- Highly stable thick film
- Low temperature coefficient (- 55°C to + 125°C) ± 100ppm/°C
- Reduces total assembly costs
- Resistor elements protected by tough epoxy conformal coating
- Wide resistance range
- Available in bag pack or tube pack

STANDARD ELECTRICAL SPECIFICATIONS

GLOBAL MODEL/ SCHEMATIC	PROFILE	RESISTOR POWER RATING Max. @ 70°C*	RESISTANCE RANGE Ω	STANDARD TOLERANCE %	TEMPERATURE COEFFICIENT (- 55°C to + 125°C)	TCR TRACKING (- 55°C to + 125°C)	OPERATING VOLTAGE VDC Max.
CSCxxx01	A B	0.20 W 0.25 W	10 - 2.2M	± 2 (1%*)	± 100ppm/°C	± 50ppm/°C	100
CSCxxx03	A B	0.30 W 0.40 W	10 - 2.2M	± 2 (1%*)	± 100ppm/°C	± 50ppm/°C	100
CSCxxx05	A B	0.20 W 0.25 W	10 - 2.2M	± 2 (1%*)	± 100ppm/°C	± 150ppm/°C	100

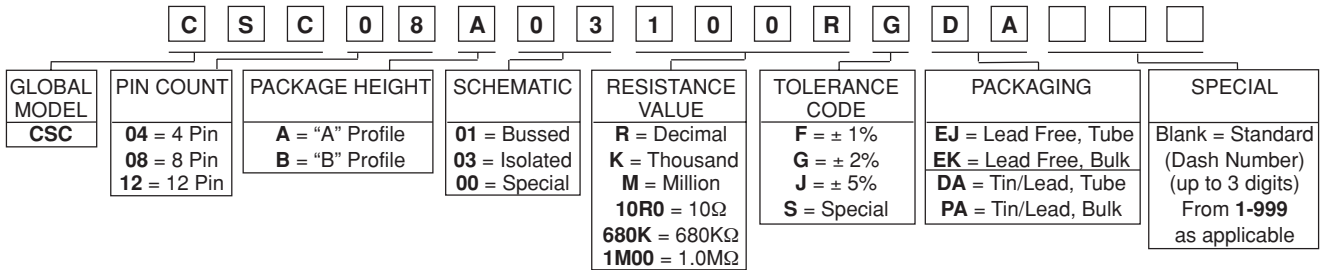
* For resistor power ratings @ + 25°C see derating curves.
 * See derating curves for Package Power Rating. Higher power rated "C" Profile available.
 * Contact factory for 1%

TECHNICAL SPECIFICATIONS

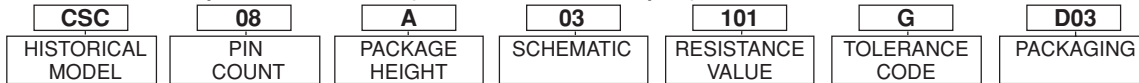
PARAMETER	UNIT	CSC Series
Voltage Coefficient of Resistance	V _{eff}	< 50ppm typical
Dielectric Strength	VAC	200
Isolation Resistance (03 Schematic)	Ω	> 100M
Operating Temperature Range	°C	- 55 to + 125

GLOBAL PART NUMBER INFORMATION

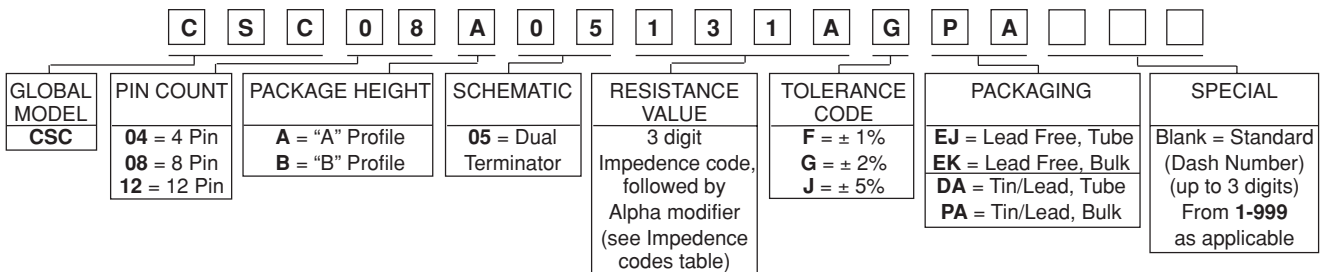
New Global Part Numbering: CSC08A03100RGDA (preferred part numbering format)



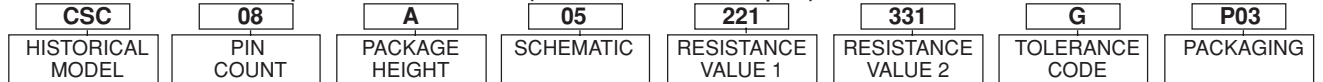
Historical Part Number example: CSC08A03101G (will continue to be accepted)

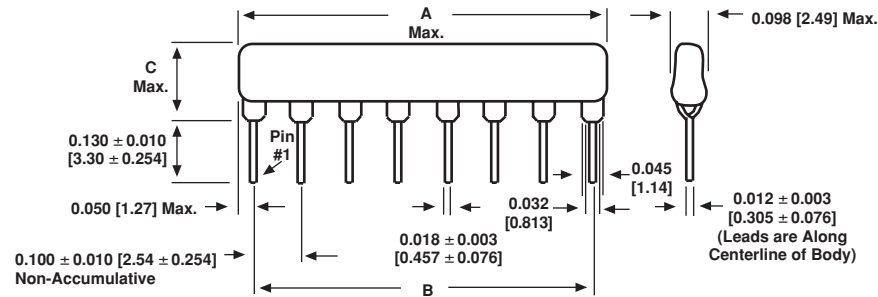


New Global Part Numbering: CSC08A05131AGPA (preferred part numbering format)



Historical Part Number example: CSC08A05221331G (will continue to be accepted)



DIMENSIONS in inches [millimeters]


01 Schematic	GLOBAL MODEL	NUMBER OF RESISTORS	A (Maximum)	B	C (Maximum)
	CSC04	3	0.390 [9.90]	0.300 [7.62]	"A" Profile = 0.195 [4.95] "B" Profile = 0.250 [6.35]
	CSC05	4	0.490 [12.45]	0.400 [10.16]	
	CSC06	5	0.590 [14.99]	0.500 [12.70]	
	CSC07	6	0.690 [17.53]	0.600 [15.24]	
	CSC08	7	0.790 [20.07]	0.700 [17.78]	
	CSC09	8	0.890 [22.61]	0.800 [20.32]	
	CSC10	9	0.990 [25.15]	0.900 [22.86]	
	CSC11*	10	1.09 [27.69]	1.00 [25.40]	
	CSC12*	11	1.19 [30.23]	1.100 [27.94]	
03 Schematic 	GLOBAL MODEL	NUMBER OF RESISTORS	A (Maximum)	B	C (Maximum)
	CSC04	2	0.390 [9.90]	0.300 [7.62]	"A" Profile = 0.195 [4.95]
	CSC06	3	0.590 [14.99]	0.500 [12.70]	"B" Profile = 0.250 [6.35]
	CSC08	4	0.790 [20.07]	0.700 [17.78]	
	CSC10	5	0.990 [25.15]	0.900 [22.86]	
	CSC12*	6	1.19 [30.23]	1.100 [27.94]	
05 Schematic 	GLOBAL MODEL	NUMBER OF RESISTORS	A (Maximum)	B	C (Maximum)
	CSC04	4	0.390 [9.90]	0.300 [7.62]	"A" Profile = 0.195 [4.95] "B" Profile = 0.250 [6.35]
	CSC05	6	0.490 [12.45]	0.400 [10.16]	
	CSC06	8	0.590 [14.99]	0.500 [12.70]	
	CSC07	10	0.690 [17.53]	0.600 [15.24]	
	CSC08	12	0.790 [20.07]	0.700 [17.78]	
	CSC09	14	0.890 [22.61]	0.800 [20.32]	
	CSC10	16	0.990 [25.15]	0.900 [22.86]	
	CSC11*	18	1.09 [27.69]	1.00 [25.40]	
	CSC12*	20	1.19 [30.23]	1.100 [27.94]	

* "B" Profile only.

MECHANICAL SPECIFICATIONS	
Marking Resistance to Solvents:	Permanency testing per MIL-STD-202, Method 215.
Solderability:	Per MIL-STD-202, Method 208E, RMA flux.
Body:	High alumina, epoxy coated.
Terminals:	Solder plated leads.

STOCKED RESISTANCE VALUES IN OHMS ("G" TOLERANCE)

Standard E-24 resistance values stocked. Consult factory.

Many dual terminator resistance values stocked. Consult factory