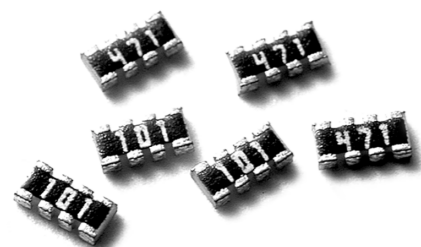


Thick Film
Chip Resistors Network

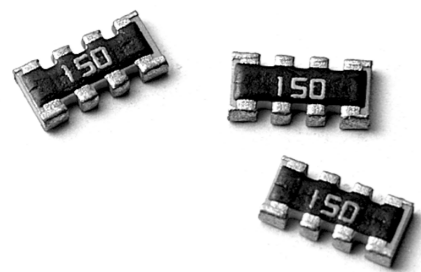
YC Series

[For 8Pin/4R]

YC12



YC16



YC32

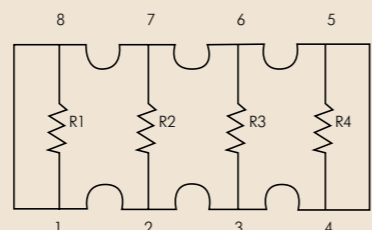


APPLICATIONS

Telecommunication Equipment Lap-Top and Note-Book Computer

SCHEMATICS

YC12
YC16
YC32

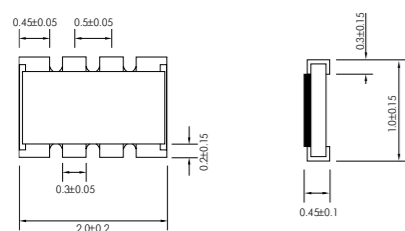


R1=R2=R3=R4

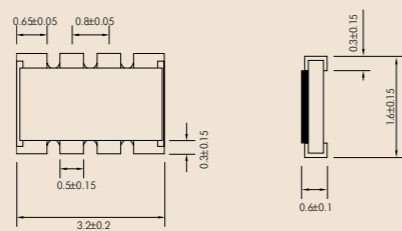
DIMENSIONS

Unit : mm

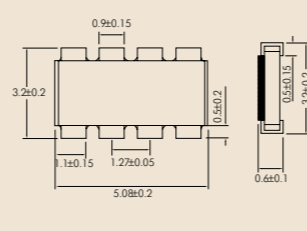
YC12



YC16



YC32



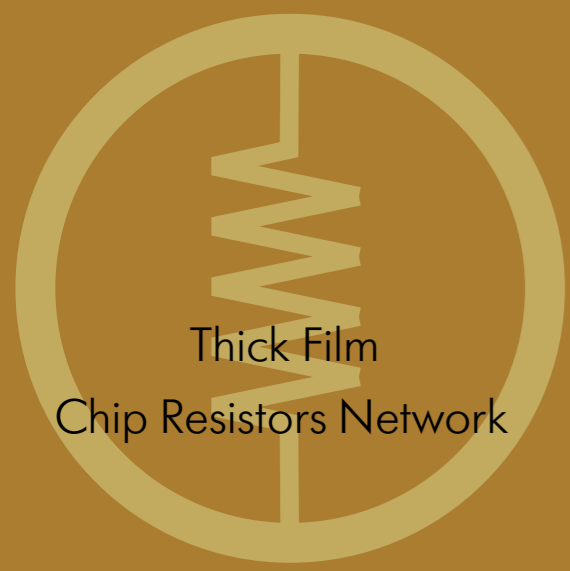
Note :

ELECTRICAL CHARACTERISTICS

STYLE	YC12	YC16	YC32
Power Rating at 70°C	1/16W		1/8W
Operating Temp. Range	-55°C to +125°C		
Maximum Working Voltage	50V		200V
Maximum Overload Voltage	100V		400V
Dielectric Withstand Voltage	100V		500V
Number of Resistors	4		
Resistance Range	1Ω ~ 1MΩ		
Temperature Coefficient	±200ppm/°C		
Resistance Tolerance	±5%		

ENVIRONMENTAL CHARACTERISTICS

PERFORMANCE	TEST	TEST METHOD	APPRAISE
Temperature Coefficient		MIL-STD-202F, Method 304	-55°C to +125°C by Type
Thermal Shock		MIL-STD-202F, Method 107	5 Cycles, -55°C to +125°C (Step by Step 2min.) ±(1%+0.05Ω)
Low Temperature Operation		MIL-R-55342D, Para.4.7.4	One Hour at -55°C Followed by 45 Minutes RCWV ±(1%+0.05Ω)
Short Time Overload		MIL-R-55342D, Para.4.7.5	2.5 Times RCWV for 5 Seconds ±(2%+0.05Ω)
Insulation Resistance		MIL-STD-202F, Method 302	RCOV for 1 Minute >10Ω
Dielectric Withstand Voltage		MIL-STD-202F, Method 301	R.M.S. for 1 Minute by Type
Resistance to Soldering Heat		MIL-STD-202F, Method 210C	Soldered to Test Board at 260°C for 10 Seconds ±(1%+0.05Ω)
Moisture Resistance		MIL-STD-202F, Method 106F	42 Cycles, Total 1000 Hours ±(2%+0.05Ω)
Life		MIL-STD-202F, Method 108A	1000 Hours at 70°C RCWV Intermittent ±(3%+0.1Ω)
Solderability		MIL-STD-202F, Method 208G	230°C for 5 Seconds >95% Coverage
Bending Strength		JIS-C-5202, Para.6.1.4 Unit Mounted in Center of 90mm Board Length, Deflected 1mm in Either Direction for 5 Seconds	±(1%+0.05Ω)

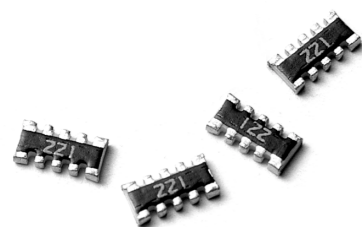


Thick Film
Chip Resistors Network

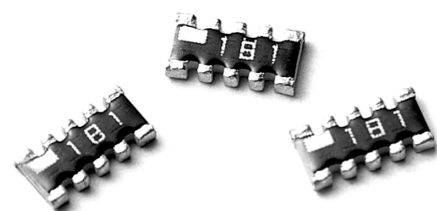
YC Series

[For 9Pin/8R 10Pin/8R]

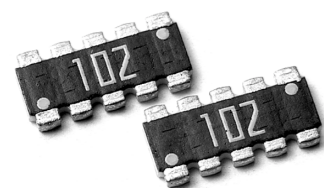
YC15



YC17



YC35

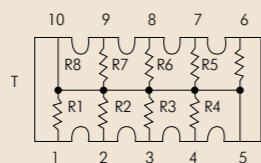


APPLICATIONS

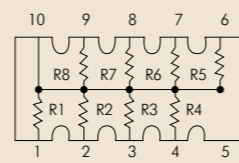
Telecommunication Equipment Lap-Top and Note-Book Computer

SCHEMATICS

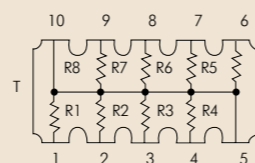
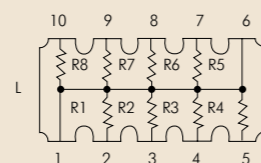
YC15



YC17



YC35

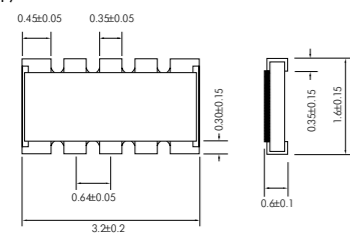


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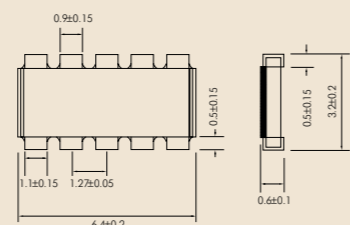
DIMENSIONS

Unit : mm

YC15/17



YC35



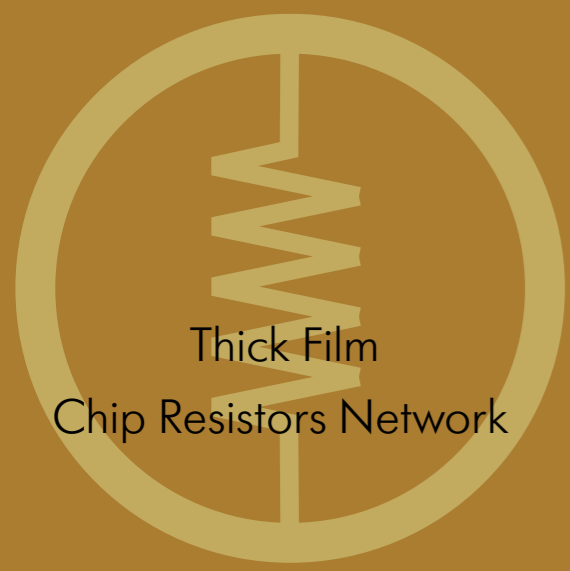
Note :

ELECTRICAL CHARACTERISTICS

STYLE	YC15	YC17	YC35
Power Rating at 70°C	1/32W		1/16W
Operating Temp. Range	-55°C to +125°C (Derated to 0 Load at +125°C)		
Maximum Working Voltage	25V		50V
Maximum Overload Voltage	50V		100V
Dielectric Withstand Voltage	50V		100V
Number of Resistors	8		
Resistance Range	3Ω ~ 100KΩ		10Ω ~ 330KΩ
Temperature Coefficient	±200ppm/°C		
Resistance Tolerance	±5%		

ENVIRONMENTAL CHARACTERISTICS

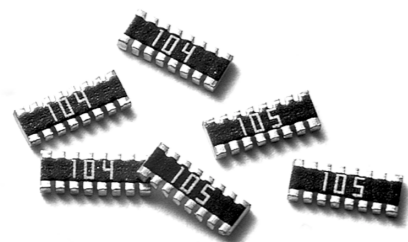
PERFORMANCE	TEST	TEST METHOD	APPRAISE
Temperature Coefficient		MIL-STD-202F, Method 304	-55°C to +125°C ±200ppm/°C
Thermal Shock		MIL-STD-202F, Method 107	5 Cycles, -55°C to +125°C (Step by Step 2min) ±(1%+0.05Ω)
Low Temperature Operation		MIL-R-55342D, Para.4.7.4	One Hour at -55°C Followed by 45 Minutes RCWV ±(1%+0.05Ω)
Short Time Overload		MIL-R-55342D, Para.4.7.5	2.5 Times RCWV for 5 Seconds ±(2%+0.05Ω)
Insulation Resistance		MIL-STD-202F, Method 302	RCOV for 1 Minute >10Ω
Dielectric Withstand Voltage		MIL-STD-202F, Method 301	R.M.S. for 1 Minute by Type
Resistance to Soldering Heat		MIL-STD-202F, Method 210C	Soldered to Test Board at 260°C for 10 Seconds ±(1%+0.05Ω)
Moisture Resistance		MIL-STD-202F, Method 106F	42 Cycles. Total 1000 Hours ±(2%+0.05Ω)
Life		MIL-STD-202F, Method 108A	1000 Hours at 70°C RCWV Intermittent ±(3%+0.1Ω)
Solderability		MIL-STD-202F, Method 208G	230°C for 5 Seconds >95% coverage
Bending Strength		JIS-C-5202, Para.6.1.4 Unit Mounted in Center of 90mm Board Length, Deflected 1mm in Either Direction for 5 Seconds	±(1%+0.05Ω)



Thick Film
Chip Resistors Network

YC Series

[For 16Pin/8R]

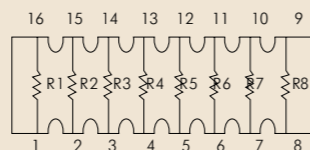


APPLICATIONS

Telecommunication Equipment Lap-Top and Note-Book Computer

SCHEMATICS

YC24

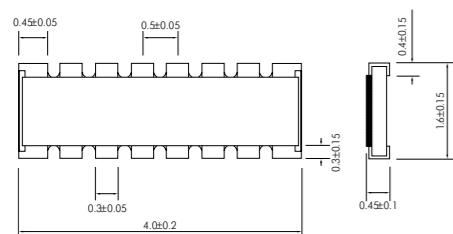


R1=R2=R3=R4=R5=R6=R7=R8

DIMENSIONS

Unit : mm

YC24



Note :

ELECTRICAL CHARACTERISTICS

STYLE	YC24
Power Rating at 70°C	1/16W
Operating Temp. Range	-55°C to + 125°C (Derated to 0 Load at + 125°C)
Maximum Working Voltage	50V
Maximum Overload Voltage	100V
Dielectric Withstand Voltage	100V
Number of Resistors	8
Resistance Range	1Ω ~ 1MΩ
Temperature Coefficient	±200ppm/°C
Resistance Tolerance	±5%

ENVIRONMENTAL CHARACTERISTICS

PERFORMANCE	TEST	TEST METHOD	APPRAISE
Temperature Coefficient		MIL-STD-202F, Method 304	-55°C to +125°C ±200ppm/°C
Thermal Shock		MIL-STD-202F, Method 107	5 Cycles, -55°C to +125°C (Step by Step 2min.) ±(1%+0.05Ω)
Low Temperature Operation		MIL-R-55342D, Para.4.7.4	One Hour at -55°C Followed by 45 Minutes RCWV ±(1%+0.05Ω)
Short Time Overload		MIL-R-55342D, Para.4.7.5	2.5 Times RCWV for 5 Seconds ±(2%+0.05Ω)
Insulation Resistance		MIL-STD-202F, Method 302	RCOV for 1 Minute >10Ω
Dielectric Withstand Voltage		MIL-STD-202F, Method 301	R.M.S. for 1 Minute by Type
Resistance to Soldering Heat		MIL-STD-202F, Method 210C	Soldered to Test Board at 260°C for 10 Seconds ±(1%+0.05Ω)
Moisture Resistance		MIL-STD-202F, Method 106F	42 Cycles. Total 1000 Hours ±(2%+0.05Ω)
Life		MIL-STD-202F, Method 108A	1000 Hours at 70°C RCWV Intermittent ±(3%+0.1Ω)
Solderability		MIL-STD-202F, Method 208G	230°C for 5 Seconds >95% Coverage
Bending Strength		JIS-C-5202, Para.6.1.4 Unit Mounted in Center of 90mm Board Length, Deflected 1mm in Either Direction for 5 Seconds	±(1%+0.05Ω)