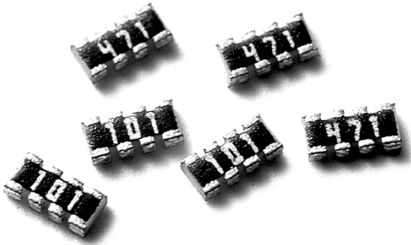


Thick Film
Chip Resistors Network

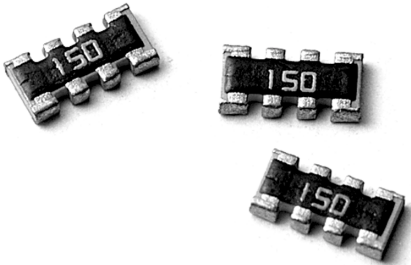
YC Series

[For 8Pin/4R]

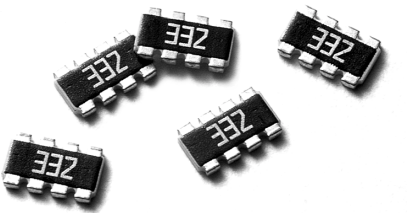
YC12



YC16



YC32

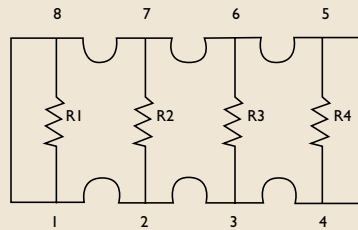


APPLICATIONS

Telecommunication Equipment Lap-Top and Note-Book Computer

SCHEMATICS

YC12
YC16
YC32

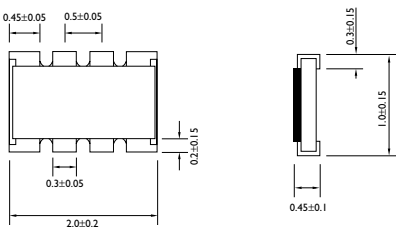


$R1=R2=R3=R4$

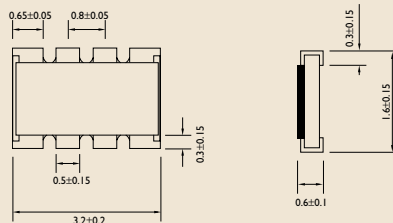
DIMENSIONS

Unit : mm

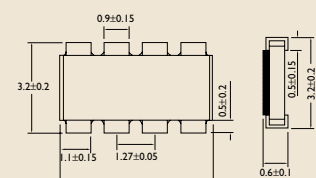
YC12



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	10Ω ~ 1MΩ		
Temperature Coefficient	±200ppm/°C		
Resistance Tolerance	±5%		

ENVIRONMENTAL CHARACTERISTICS

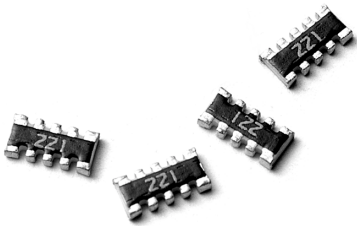
PERFORMANCE TEST	TEST METHOD		APPRAISE
Temperature Coefficient	MIL-STD-202F, Method 304	-55°C to +125°C	by Type
Thermal Shock	MIL-STD-202F, Method 107	5 Cycles, -55°C to +125°C (Step by Step 2min.)	±(1%+0.05Ω)
Low Temperature Operation	MIL-R-55342D, Para.4.7.4	One Hour at -65°C Followed by 45 Minutes 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	> 10GΩ
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	42Cycles.Total 1000 Hours	±(2%+0.05Ω)
Life	MIL-STD-202F, Method 108A	1000 Hours at 70°C RCWV Intermittent	±(3%+0.10Ω)
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

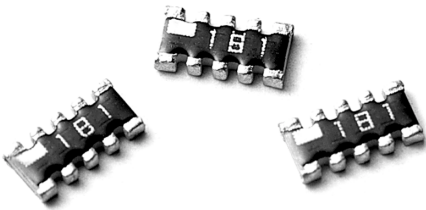
YC Series

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

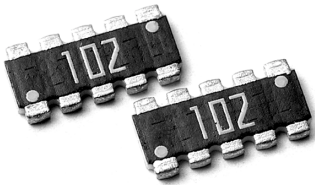
YC15



YC17



YC35

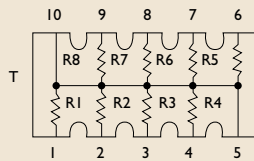


APPLICATIONS

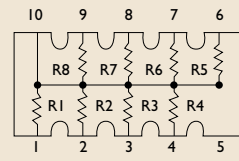
Telecommunication Equipment Lap-Top and Note-Book Computer

SCHEMATICS

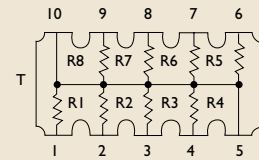
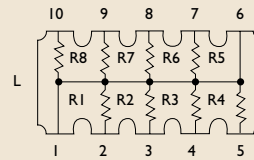
YC15



YC17



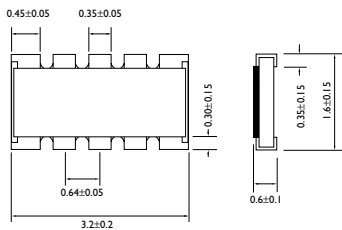
YC35



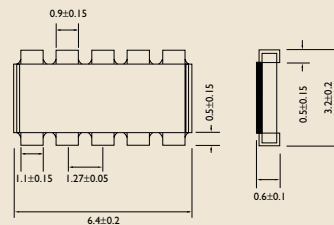
R1=R2=R3=R4=R5=R6=R7=R8

DIMENSIONS

YC15/17



YC35



Unit : mm

Note :

ELECTRICAL CHARACTERISTICS

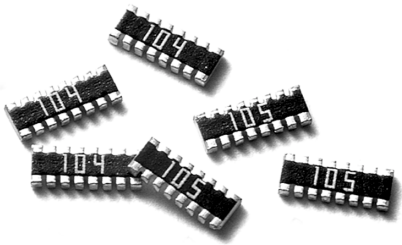
STYLE	YC15	YC17	YC35
Power Rating at 70°C	1/32W		1/16W
Operating Temp. Range	-55°C to +125°C (Derated to 0 Load at +125°C)		
Maximum Working Voltage	25V		50V
Maximum Overload Voltage	50V		100V
Dielectric Withstand Voltage	50V		100V
Number of Resistors	8		
Resistance Range	33Ω ~ 100KΩ		10Ω ~ 330KΩ
Temperature 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 -65°C Followed by 45 Minutes RCWW	±(1%+0.05Ω)
Short Time Overload	MIL-R-55342D, Para.4.7.5	2.5 Times RCWW for 5 Seconds	±(2%+0.05Ω)
Insulation Resistance	MIL-STD-202F, Method 302	RCOV for 1 Minute	>10GΩ
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	42Cycles.Total 1000 Hours	±(2%+0.05Ω)
Life	MIL-STD-202F, Method 108A	1000 Hours at 70°C RCWW 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]

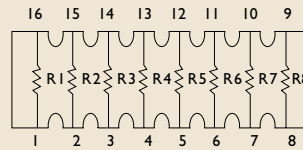


APPLICATIONS

Telecommunication Equipment Lap-Top and Note-Book Computer

SCHEMATICS

YC24

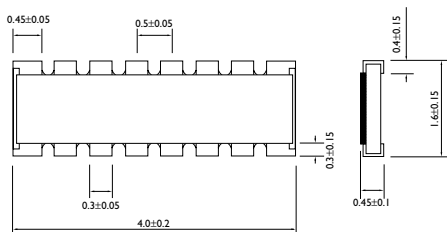


$R1=R2=R3=R4=R5=R6=R7=R8$

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	10Ω ~ 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 -65°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 > 10GΩ
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	42Cycles.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)