PHYCOMP - YAGEO CORPORATION

Composition of The Clear Text Code (R-Chip)

Version: 17 01-21-02

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

PHYCOMP Code

9C	**Phycomp Thick Film Chip Res**
9T	**Phycomp Thin Film Chip Res**

Size

0201	0201 (0603)	
0402	0402 (1005)	
0603	0603 (1608)	
0805	0805 (2012)	
1210	1210 (3225)	
1206	1206 (3216)	
1218	1218 (3248)	
2010	2010 (5025)	
2512	2512 (6432)	
4527	4527 (11070)	
AC34	0603 (1608) x 4 concave array	ARC241 / 242
AV34	0603 (1608) x 4 convex array	ARV241 / 242
AV22	0402 (1005) x 2 convex array	ARV321 / 322
AV24	0402 (1005) x 4 convex array	ARV341
AC24	0402 (1005) x 4 concave array	ARC341
AV28	0402 (1005) x 8 convex array	ARV381 / 382
RN31	10P8R in 1206 convex network	RNA310
RC21	10P4C4R in 1608 concave network	RCB210
FR01	1206 (3216) Fusible	
FR21	0603 (1608) Fusible	
SR01	1206 (3216) Surge	
VR01	1206 (3216) High Voltage 5%	
VR02	1206 (3216) High Voltage 1%	

Power Rating

1A	1/16W	0.063 W	0402	
1A	1/10W	0.1 W	**0603**	Upgraded from 1/16W
2A	1/8 W	0.125 W	0805	
3A	1/4 W	0.25 W	1206	
4A	1/10 W	0.1 W	0603	
5A	1/3W	0.3W	1210	
7A	1/20 W	0.05 W	0201	
8A	1/32 W	0.03125 W	RNA310	
12	1/2 W	0.5 W	2010	
1W	1 W	1 W	1218 / 2512	
2W	2 W	2 W		

Resistance Value

0R00	Jumper	6
R0xx	< 1R	0
Rxxx	< 1R	7
xRxx	1R - 9.76R	**8**
xxRx	10R - 97.6R	**9**
xxx0	100R - 976R	**1**
xxx1	1K - 9.76K	**2**
xxx2	10K - 97.6K	**3**
xxx3	100K - 976K	**4**
xxx4	1M - 9.76M	**5**
xxx5	10M - 97.6M	**6**
xxx6	100M+	**7**
Nxxx	marking code for RCB210	

Example:
Rchip 0603 (RC22H), 10R0, 1%, 5K reel =
9C06031A10R0FKHFT

R-chip Array	
A = Array	
V = Convex	C = Concave
3 = 0603	2 = 0402
4 = 4 Res.	2 = 2 Res.

Packaging

T	5K Paper
3	10K Paper
4	20K Paper
5	4K Blister
6	5K Blister
7	50K Paper
P	25K Bulk Case

Special Coding

HF	PPCK, Sn/Pb
PF	100% Sn 2372
AF	NiAu

TCR

A	25 ppm/'C
B	50 ppm/'C
K	100 ppm/'C
L	200 ppm/'C
E	250 ppm/'C
M	300 ppm/'C
G	500 ppm/'C
P	750 ppm/'C
H	1000 ppm/'C
I	1500 ppm/'C
J	2000 ppm/'C
N	3000 ppm/'C

Tolerance

A	±0.05%
B	±0.1%
C	±0.25%
D	±0.5 %
F	±1%
G	±2%
J	±5%
N	0 / 20%
R	0 / 30%

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