



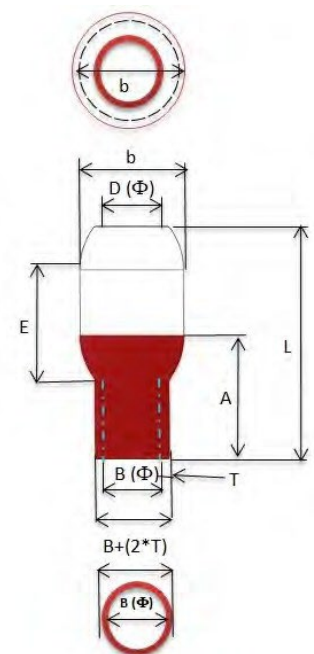
Temperature Sensitive Insulating Cap EYECAP-SIT(A)

Key Features

- ◆ Bare eye overheat inspection possible without additional equipment
- ◆ High quality installation
- ◆ Prevention effect of power failure and fire
- ◆ Temperature detection functions at the insulating cap (color change to white at 70°C)
- ◆ UL 94-V0 incombustible material
- ◆ Smaller, can fit manufacturing facilities applications & machinery connections
- ◆ Not melting on high temperature, does not generate hazardous gas
- ◆ Dot part with irreversible color change (for E-SIT-A-50 size and above)
- ◆ Band part with reversible color change
- ◆ Inspection with naked eye increases efficiency and reduces 80% of the costs
- ◆ The world first Safety Insulated Terminal Cap made of silicon
- ◆ Bare eye inspection possible for the compressed part and pre-detection of improper installation with transparent insulation cap material

Main Applications

- ◆ Manufacturing equipment.
- ◆ Energy distribution cabinets.
- ◆ Power & Power distribution stations.
- ◆ Railways and airports.
- ◆ Hospitals.
- ◆ Construction and infrastructure networks.
- ◆ Electronic industries.
- ◆ Military and Medical large-scale systems.



ISO 9001, CE | REACH, RoHS | KERI (ARC Resistance test) | UL | CTK (Temperature test)

Max. Operating Voltage & Temperature: 600 VRMS / 150°C

Temperature Sensitive Insulating Cap EYECAP-SIT(A)

EYECAP-SIT(A)

Product List, Parameters & Specifications

No	Tamuz p/n:	Product dimensions (mm) (Tolerances: T ± 10%, Others ± 15%)							Wire size (AWG)	Wire size (mm ²)	Color
		B	b	D	E	L	A	T			
1	E-SIT-A-1.5R	3	6.2	3.16	5.74	13.7	7.8	0.8	20~16	0.5-1.5	Red
2	E-SIT-A-1.5B	3	6.2	3.16	5.74	13.7	7.8	0.8	20~16	0.5-1.5	Blue
3	E-SIT-A-1.5Y	3	6.2	3.16	5.74	13.7	7.8	0.8	20~16	0.5-1.5	Yellow
4	E-SIT-A-1.5G	3	6.2	3.16	5.74	13.7	7.8	0.8	20~16	0.5-1.5	Green
5	E-SIT-A-1.5BK	3	6.2	3.16	5.74	13.7	7.8	0.8	20~16	0.5-1.5	Black
6	E-SIT-A-2.5R	3.7	6.9	3.83	5.74	14.4	8.7	0.8	16~14	1.5-2.5	Red
7	E-SIT-A-2.5B	3.7	6.9	3.83	5.74	14.4	8.7	0.8	16~14	1.5-2.5	Blue
8	E-SIT-A-2.5Y	3.7	6.9	3.83	5.74	14.4	8.7	0.8	16~14	1.5-2.5	Yellow
9	E-SIT-A-2.5G	3.7	6.9	3.83	5.74	14.4	8.7	0.8	16~14	1.5-2.5	Green
10	E-SIT-A-2.5BK	3.7	6.9	3.83	5.74	14.4	8.7	0.8	16~14	1.5-2.5	Black
11	E-SIT-A-4R	4.2	7.8	4.53	7.04	17	10.3	0.9	14~12	2.5-4.0	Red
12	E-SIT-A-4B	4.2	7.8	4.53	7.04	17	10.3	0.9	14~12	2.5-4.0	Blue
13	E-SIT-A-4Y	4.2	7.8	4.53	7.04	17	10.3	0.9	14~12	2.5-4.0	Yellow
14	E-SIT-A-4G	4.2	7.8	4.53	7.04	17	10.3	0.9	14~12	2.5-4.0	Green
15	E-SIT-A-4BK	4.2	7.8	4.53	7.04	17	10.3	0.9	14~12	2.5-4.0	Black
16	E-SIT-A-6R	5.2	9	5	7.99	18	10.3	1	12~10	4.0-6.0	Red
17	E-SIT-A-6B	5.2	9	5	7.99	18	10.3	1	12~10	4.0-6.0	Blue
18	E-SIT-A-6Y	5.2	9	5	7.99	18	10.3	1	12~10	4.0-6.0	Yellow
19	E-SIT-A-6G	5.2	9	5	7.99	18	10.3	1	12~10	4.0-6.0	Green
20	E-SIT-A-6BK	5.2	9	5	7.99	18	10.3	1	12~10	4.0-6.0	Black
21	E-SIT-A-10R	6.5	10.4	7.1	9.29	21	11	1.1	8	8.0-10.0	Red
22	E-SIT-A-10B	6.5	10.4	7.1	9.29	21	11	1.1	8	8.0-10.0	Blue
23	E-SIT-A-10Y	6.5	10.4	7.1	9.29	21	11	1.1	8	8.0-10.0	Yellow
24	E-SIT-A-10G	6.5	10.4	7.1	9.29	21	11	1.1	8	8.0-10.0	Green
25	E-SIT-A-10BK	6.5	10.4	7.1	9.29	21	11	1.1	8	8.0-10.0	Black
26	E-SIT-A-16R	7.7	12.8	9	10.6	24	13.3	1.2	6	13-16	Red
27	E-SIT-A-16B	7.7	12.8	9	10.6	24	13.3	1.2	6	13-16	Blue
28	E-SIT-A-16Y	7.7	12.8	9	10.6	24	13.3	1.2	6	13-16	Yellow
29	E-SIT-A-16G	7.7	12.8	9	10.6	24	13.3	1.2	6	13-16	Green
30	E-SIT-A-16BK	7.7	12.8	9	10.6	24	13.3	1.2	6	13-16	Black
31	E-SIT-A-25R	10	16.8	10.3	14.4	31.2	17.4	1.3	4	20-25	Red
32	E-SIT-A-25B	10	16.8	10.3	14.4	31.2	17.4	1.3	4	20-25	Blue
33	E-SIT-A-25Y	10	16.8	10.3	14.4	31.2	17.4	1.3	4	20-25	Yellow
34	E-SIT-A-25G	10	16.8	10.3	14.4	31.2	17.4	1.3	4	20-25	Green
35	E-SIT-A-25BK	10	16.8	10.3	14.4	31.2	17.4	1.3	4	20-25	Black
36	E-SIT-A-35R	11	17	10.7	17.5	35	18.9	1.3	3~2	25-35	Red
37	E-SIT-A-35B	11	17	10.7	17.5	35	18.9	1.3	3~2	25-35	Blue
38	E-SIT-A-35Y	11	17	10.7	17.5	35	18.9	1.3	3~2	25-35	Yellow
39	E-SIT-A-35G	11	17	10.7	17.5	35	18.9	1.3	3~2	25-35	Green
40	E-SIT-A-35BK	11	17	10.7	17.5	35	18.9	1.3	3~2	25-35	Black

No	Tamuz p/n:	Product dimensions (mm) (Tolerances: T \pm 10%, Others \pm 15%)							Wire size (AWG)	Wire size (mm ²)	Color
		B	b	D	E	L	A	T			
41	E-SIT-A-50R	12.8	19.2	11.6	19.99	37.7	19.1	1.5	1	40-50	Red
42	E-SIT-A-50B	12.8	19.2	11.6	19.99	37.7	19.1	1.5	1	40-50	Blue
43	E-SIT-A-50Y	12.8	19.2	11.6	19.99	37.7	19.1	1.5	1	40-50	Yellow
44	E-SIT-A-50G	12.8	19.2	11.6	19.99	37.7	19.1	1.5	1	40-50	Green
45	E-SIT-A-50BK	12.8	19.2	11.6	19.99	37.7	19.1	1.5	1	40-50	Black
46	E-SIT-A-70R	14	22.2	14.6	20.08	39	19.8	1.6	1/0	50-60	Red
47	E-SIT-A-70B	14	22.2	14.6	20.08	39	19.8	1.6	1/0	50-60	Blue
48	E-SIT-A-70Y	14	22.2	14.6	20.08	39	19.8	1.6	1/0	50-60	Yellow
49	E-SIT-A-70G	14	22.2	14.6	20.08	39	19.8	1.6	1/0	50-60	Green
50	E-SIT-A-70BK	14	22.2	14.6	20.08	39	19.8	1.6	1/0	50-60	Black
51	E-SIT-A-95R	16.1	24.28	16.6	21.94	43.5	22	1.64	2/0	60-80	Red
52	E-SIT-A-95B	16.1	24.28	16.6	21.94	43.5	22	1.64	2/0	60-80	Blue
53	E-SIT-A-95Y	16.1	24.28	16.6	21.94	43.5	22	1.64	2/0	60-80	Yellow
54	E-SIT-A-95G	16.1	24.28	16.6	21.94	43.5	22	1.64	2/0	60-80	Green
55	E-SIT-A-95BK	16.1	24.28	16.6	21.94	43.5	22	1.64	2/0	60-80	Black
56	E-SIT-A-120R	19.7	29.4	21.6	23.2	48.5	26	1.75	3/0	80-90	Red
57	E-SIT-A-120B	19.7	29.4	21.6	23.2	48.5	26	1.75	3/0	80-90	Blue
58	E-SIT-A-120Y	19.7	29.4	21.6	23.2	48.5	26	1.75	3/0	80-90	Yellow
59	E-SIT-A-120G	19.7	29.4	21.6	23.2	48.5	26	1.75	3/0	80-90	Green
60	E-SIT-A-120BK	19.7	29.4	21.6	23.2	48.5	26	1.75	3/0	80-90	Black
61	E-SIT-A-150R	20.6	31.5	23.4	31.13	56.65	28.15	1.85	4/0	100-110	Red
62	E-SIT-A-150B	20.6	31.5	23.4	31.13	56.65	28.15	1.85	4/0	100-110	Blue
63	E-SIT-A-150Y	20.6	31.5	23.4	31.13	56.65	28.15	1.85	4/0	100-110	Yellow
64	E-SIT-A-150G	20.6	31.5	23.4	31.13	56.65	28.15	1.85	4/0	100-110	Green
65	E-SIT-A-150BK	20.6	31.5	23.4	31.13	56.65	28.15	1.85	4/0	100-110	Black
66	E-SIT-A-185R	24.4	35	25.93	32.4	64	33.3	1.9	250~300Kcmil	125-160	Red
67	E-SIT-A-185B	24.4	35	25.93	32.4	64	33.3	1.9	250~300Kcmil	125-160	Blue
68	E-SIT-A-185Y	24.4	35	25.93	32.4	64	33.3	1.9	250~300Kcmil	125-160	Yellow
69	E-SIT-A-185G	24.4	35	25.93	32.4	64	33.3	1.9	250~300Kcmil	125-160	Green
70	E-SIT-A-185BK	24.4	35	25.93	32.4	64	33.3	1.9	250~300Kcmil	125-160	Black
71	E-SIT-A-240R	26.8	39.4	30.13	37.19	70	36.6	2	350~400Kcmil	175-210	Red
72	E-SIT-A-240B	26.8	39.4	30.13	37.19	70	36.6	2	350~400Kcmil	175-210	Blue
73	E-SIT-A-240Y	26.8	39.4	30.13	37.19	70	36.6	2	350~400Kcmil	175-210	Yellow
74	E-SIT-A-240G	26.8	39.4	30.13	37.19	70	36.6	2	350~400Kcmil	175-210	Green
75	E-SIT-A-240BK	26.8	39.4	30.13	37.19	70	36.6	2	350~400Kcmil	175-210	Black
76	E-SIT-A-300R	30.7	44.6	35.19	41.99	76	38.8	2.16	400~500Kcmil	190-260	Red
77	E-SIT-A-300B	30.7	44.6	35.19	41.99	76	38.8	2.16	400~500Kcmil	190-260	Blue
78	E-SIT-A-300Y	30.7	44.6	35.19	41.99	76	38.8	2.16	400~500Kcmil	190-260	Yellow
79	E-SIT-A-300G	30.7	44.6	35.19	41.99	76	38.8	2.16	400~500Kcmil	190-260	Green
80	E-SIT-A-300BK	30.7	44.6	35.19	41.99	76	38.8	2.16	400~500Kcmil	190-260	Black

Remarks:

1. Dot part with irreversible color change: Only for E-SIT-A-50 size and above.
2. Cross reference: (EYECAP p/n: EYECAP-SIT(A)-nnnaa) = (Tamuz p/n: E-SIT-A-nnaa).
3. The wire size (AWG/mm²) is for reference only. The appropriate SIT model, will be defined by the actual outer diameter and size of the wire and the terminal in use.
4. Dimensions are shown for reference purposes only and in millimeters unless otherwise specified.
5. Product specifications are subject to change without notice.

