Earlier Approval	
Number	Year
4780, 4915	2016, 2021

Certificate No. : 5037
Date of Issue : 01 JAN 2026
Date of Expiry : 01 JAN 2029

GOVERNMENT OF INDIA
Ministry Of Defence
ELECTRONIC COMPONENTS STANDARDISATION ORGANISATION (LCSO)
QUALIFICATION APPROVAL
(UNDER THE PROVISIONS OF JSS 5999- 10)

Grant of this Approval confirms the competence of*

THE WIPE HOTWIRE INDIA THERMAL EQUIPMENTS (P) LTD.
E-3, EPIP, Neemrana, Alwar (Dt.)
RAJASTHAN - 301705

to manufacture the Component(s) described below :

1. Component : Wires, Electrical, insulated, High Temperature
2. Manufacturer's Code : As in Addendum No.1
3. Joint Services Specification : JSS 51034
4. Style Reference : As in Addendum No.1
5. Range : **Colour of Insulator:** Single Colour Code No. 0 to 9 as per Table 22, Appendix 'A' of JSS 51034.
6. JSS 50101 Severities

Temperature	:	T 65/200
Damp Heat	:	Not applicable
Air Pressure (Low)	:	Not applicable
Acceleration (Steady state)	:	Not applicable
Impact (Shock)	:	Not applicable
Vibration	:	Not applicable

7. Special features : Insulator : PTFE / FEP
Thickness of Coating on conductors :- Silver : 1.0 µm (min.)
Nickel : 1.27 µm (min.)

R. M. Kembhavi
(RENUKA M KEMBHAVI)
Sr.DGM
BEL, BANGALORE
Chairman
LCSO Panel

(JERY VARGHESE K)
Scientist `G'
Officer-in-Charge, LCSO
Defence Research and Development Organisation
LRDE, C V Raman Nagar, BANGALORE – 560 093
For **Electronics Standardisation Sub-Committee**

Place : BANGALORE
Date : 04 JUN 2026

* *Note 1 : This Approval does not obviate the need for Batch Acceptance tests.*
Note 2 : Failure of this component during usage may be reported to OIC, LCSO.

GOVERNMENT OF INDIA

MINISTRY OF DEFENCE

ELECTRONIC COMPONENTS STANDARDISATION ORGANISATION

Addendum Sheet No. 1 to LCSO Approval Certificate No. 5037

Sheet : 1 of 1 Date of Issue : 01 JAN 2026

Sl. No.	Manufacturer's Code	Style Reference	Sl. No.	Manufacturer's Code	Style Reference	Sl. No.	Manufacturer's Code	Style Reference
1	WSF-ET 128	WH1F-1A 128	62	WNP ET 2619	WH1P-1B 1938	123	WSP ET 2001	WH1P-1A 120
2	WSF-ET 2407	WH1F-1A 732	63	WNP ET 2407	WH1P-1B 732	124	WSP ET 3207	WH1P-1A 740
3	WSF-ET 2419	WH1F-1A 1936	64	WNP ET 2419	WH1P-1B 1936	125	WSP ET 3007	WH1P-1A 738
4	WSF-ET 2207	WH1F-1A 730	65	WNP ET 2207	WH1P-1B 730	126	WSP ET 2807	WH1P-1A 736
5	WSF-ET 2219	WH1F-1A 1934	66	WNP ET 2219	WH1P-1B 1934	127	WSP ET 2607	WH1P-1A 734
6	WSF-ET 2007	WH1F-1A 728	67	WNP ET 2007	WH1P-1B 728	128	WSP ET 2619	WH1P-1A 1938
7	WSF-ET 2019	WH1F-1A 1932	68	WNP ET 2019	WH1P-1B 1932	129	WSP ET 2407	WH1P-1A 732
8	WSF-E 2407	WH2F-1A 732	69	WNP E 3201	WH2P-1B 132	130	WSP ET 2419	WH1P-1A 1936
9	WSF-E 2419	WH2F-1A 1936	70	WNP E 3001	WH2P-1B 130	131	WSP ET 2207	WH1P-1A 730
10	WSF-E 2207	WH2F-1A 730	71	WNP E 2801	WH2P-1B 128	132	WSP ET 2219	WH1P-1A 1934
11	WSF-E 2219	WH2F-1A 1934	72	WNP E 2601	WH2P-1B 126	133	WSP ET 2007	WH1P-1A 728
12	WSF-E 2007	WH2F-1A 728	73	WNP E 2401	WH2P-1B 124	134	WSP ET 2019	WH1P-1A 1932
13	WSF-E 2019	WH2F-1A 1932	74	WNP E 2201	WH2P-1B 122	135	WSP E 3201	WH2P-1A 132
14	WSF E 1807	WH2F-1A 726	75	WNP E 2001	WH2P-1B 120	136	WSP E 3001	WH2P-1A 130
15	WSF E 1819	WH2F-1A 1930	76	WNP E 1801	WH2P-1B 118	137	WSP E 2801	WH2P-1A 128
16	WSF E 1619	WH2F-1A 1929	77	WNP E 1601	WH2P-1B 116	138	WSP E 2601	WH2P-1A 126
17	WSF E 1419	WH2F-1A 1927	78	WNP E 3207	WH2P-1B 740	139	WSP E 2401	WH2P-1A 124
18	WSF-EE 1819	WH3F-1A 1930	79	WNP E 3007	WH2P-1B 738	140	WSP E 2201	WH2P-1A 122
19	WSF-EE 1619	WH3F-1A 1929	80	WNP E 2807	WH2P-1B 736	141	WSP E 2001	WH2P-1A 120
20	WSF-EE 1637	WH3F-1A 2630	81	WNP E 2607	WH2P-1B 734	142	WSP E 1801	WH2P-1A 118
21	WSF-EE 1419	WH3F-1A 1927	82	WNP E 2619	WH2P-1B 1938	143	WSP E 1601	WH2P-1A 116
22	WSF-EE 1437	WH3F-1A 4130	83	WNP E 2407	WH2P-1B 732	144	WSP E 3207	WH2P-1A 740
23	WSF-EE 1219	WH3F-1A 1925	84	WNP E 2419	WH2P-1B 1936	145	WSP E 3007	WH2P-1A 738
24	WSF-EE 1237	WH3F-1A 6530	85	WNP E 2207	WH2P-1B 730	146	WSP E 2807	WH2P-1A 736
25	WSF-EE 1037	WH3F-1A 3726	86	WNP E 2219	WH2P-1B 1934	147	WSP E 2607	WH2P-1A 734
26	WSF-EE 1096	WH3F-1A 10530	87	WNP E 2007	WH2P-1B 728	148	WSP E 2619	WH2P-1A 1938
27	WSF-EE 8133	WH3F-1A 13329	88	WNP E 2019	WH2P-1B 1932	149	WSP E 2407	WH2P-1A 732
28	WSF-EE 6133	WH3F-1A 13327	89	WNP E 1807	WH2P-1B 726	150	WSP E 2419	WH2P-1A 1936
29	WNF-ET 2407	WH1F-1B 732	90	WNP E 1819	WH2P-1B 1930	151	WSP E 2207	WH2P-1A 730
30	WNF-ET 2419	WH1F-1B 1936	91	WNP E 1619	WH2P-1B 1929	152	WSP E 2219	WH2P-1A 1934
31	WNF-ET 2207	WH1F-1B 730	92	WNP E 1419	WH2P-1B 1927	153	WSP E 2007	WH2P-1A 728
32	WNF-ET 2219	WH1F-1B 1934	93	WNP E 1219	WH2P-1B 1925	154	WSP E 2019	WH2P-1A 1932
33	WNF-ET 2007	WH1F-1B 728	94	WNP E 1237	WH2P-1B 3728	155	WSP E 1807	WH2P-1A 726
34	WNF-ET 2019	WH1F-1B 1932	95	WNP E 1037	WH2P-1B 3726	156	WSP E 1819	WH2P-1A 1930
35	WNF-E 2407	WH2F-1B 732	96	WNP EE 3207	WH3P-1B 740	157	WSP E 1619	WH2P-1A 1929
36	WNF-E 2419	WH2F-1B 1936	97	WNP EE 3007	WH3P-1B 738	158	WSP E 1419	WH2P-1A 1927
37	WNF-E 2207	WH2F-1B 730	98	WNP EE 2807	WH3P-1B 736	159	WSP E 1219	WH2P-1A 1925
38	WNF-E 2219	WH2F-1B 1934	99	WNP EE 2607	WH3P-1B 734	160	WSP E 1237	WH2P-1A 3728
39	WNF-E 2007	WH2F-1B 728	100	WNP EE 2619	WH3P-1B 1938	161	WSP E 1037	WH2P-1A 3726
40	WNF-E 2019	WH2F-1B 1932	101	WNP EE 2407	WH3P-1B 732	162	WSP EE 3207	WH3P-1A 740
41	WNF-EE 1819	WH3F-1B 1930	102	WNP EE 2419	WH3P-1B 1936	163	WSP EE 3007	WH3P-1A 738
42	WNF-EE 1619	WH3F-1B 1929	103	WNP EE 2207	WH3P-1B 730	164	WSP EE 2807	WH3P-1A 736
43	WNF-EE 1637	WH3F-1B 2630	104	WNP EE 2219	WH3P-1B 1934	165	WSP EE 2607	WH3P-1A 734
44	WNF-EE 1419	WH3F-1B 1927	105	WNP EE 2007	WH3P-1B 728	166	WSP EE 2619	WH3P-1A 1938
45	WNF-EE 1437	WH3F-1B 4130	106	WNP EE 2019	WH3P-1B 1932	167	WSP EE 2407	WH3P-1A 732
46	WNF-EE 1219	WH3F-1B 1925	107	WNP EE 1807	WH3P-1B 726	168	WSP EE 2419	WH3P-1A 1936
47	WNF-EE 1237	WH3F-1B 6530	108	WNP EE 1819	WH3P-1B 1930	169	WSP EE 2207	WH3P-1A 730
48	WNF-EE 1037	WH3F-1B 3726	109	WNP EE 1619	WH3P-1B 1929	170	WSP EE 2219	WH3P-1A 1934
49	WNF-EE 1096	WH3F-1B 10530	110	WNP EE 1626	WH3P-1B 2630	171	WSP EE 2007	WH3P-1A 728
50	WNF-EE 8133	WH3F-1B 13329	111	WNP EE 1419	WH3P-1B 1927	172	WSP EE 2019	WH3P-1A 1932
51	WNF-EE 6133	WH3F-1B 13327	112	WNP EE 1219	WH3P-1B 1925	173	WSP EE 1807	WH3P-1A 726
52	WNP ET 3001	WH1P-1B 130	113	WNP EE 1237	WH3P-1B 3728	174	WSP EE 1819	WH3P-1A 1930
53	WNP ET 2801	WH1P-1B 128	114	WNP EE 1265	WH3P-1B 6530	175	WSP EE 1619	WH3P-1A 1929
54	WNP ET 2601	WH1P-1B 126	115	WNP EE 1037	WH3P-1B 3726	176	WSP EE 1626	WH3P-1A 2630
55	WNP ET 2401	WH1P-1B 124	116	WNP EE 8133	WH3P-1B 13329	177	WSP EE 1419	WH3P-1A 1927
56	WNP ET 2201	WH1P-1B 122	117	WNP EE 6133	WH3P-1B 13327	178	WSP EE 1219	WH3P-1A 1925
57	WNP ET 2001	WH1P-1B 120	118	WSP ET 3001	WH1P-1A 130	179	WSP EE 1237	WH3P-1A 3728
58	WNP ET 3207	WH1P-1B 740	119	WSP ET 2801	WH1P-1A 128	180	WSP EE 1265	WH3P-1A 6530
59	WNP ET 3007	WH1P-1B 738	120	WSP ET 2601	WH1P-1A 126	181	WSP EE 1037	WH3P-1A 3726
60	WNP ET 2807	WH1P-1B 736	121	WSP ET 2401	WH1P-1A 124	182	WSP EE 8133	WH3P-1A 13329
61	WNP ET 260	WH1P-1B 734	122	WSP ET 2201	WH1P-1A 122	183	WSP EE 6133	WH3P-1A 13327

R.M. Kembhavi

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(JERY VARGHESE K)
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Defence Research and Development Organisation
LRDE,CV Raman Nagar, BANGALORE-560093
For **Electronics Standardisation Sub-committee**