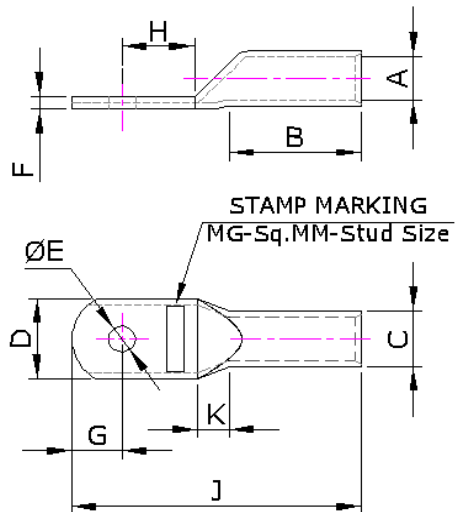


Aluminium Tin Copper Plating Type Bi-Metallic (MGBALS Series)



Technical Specification

Material: Aluminum IS:5082

Surface: Tin-plated to protect against corrosion

Minimum operating temperature: -50 °C

Maximum operating temperature: 15- °C

Reference standard: Indian Standards

Features

- Annealed material optimizes material and crimping properties
- ETP Electrolytic Grade Copper.
- Tin-plated 5 micron plus to protect against corrosion.
- Crack free crimping.
- Bur free connection surface.
- Lowest millivolt drop for DC current application.
- Simple and safe connection.
- Terminate power cables in high-voltage applications.
- Provided with inspection hole to ensure the conductor has been fully inserted before crimping is

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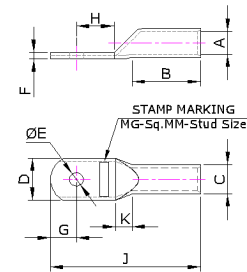
done.

- Flat contact surface to avoid hotspot.

ALUMINUM TIN COPPER PLATING TYPE BI-METALLIC

MATERIAL : ALUMINIUM IS : 5082 : 1998

SURFACE : TIN PLATED



Size mm2	E	A	C	D	F	B	K	H	G	J	MG CAT NO.	Crim- ping Tools Code
2.5	3.2	2	5.5	6.6	3.5	7	3	4	4	18	MGBALS-151	MG-10
2.5	3.7	2.6	5.5	7	2.9	7	3	4	4	18	MGBALS-309	MG-10
4	4.2	2.9	5.5	7.2	2.6	7	3	4	4	18	MGBALS-155	MG-10
4	5.2	2.9	5.5	12	1.2	7	4	7	6	23	MGBALS-317	MG-10
6	5.2	3.5	5.5	7.5	2	7	4	7	6	24	MGBALS-158	MG-10
6	6.5	3.5	5.5	12	1.1	7	4	7	6	24	MGBALS-313	MG-10
10	4.2	3.8	6.2	8.4	2.4	7	4	9	8	28	MGBALS-159	MG-10

Aluminium Tin Copper Plating Type Bi-Metallic (MGBALS Series)

Size mm2	E	A	C	D	F	B	K	H	G	J	MG CAT NO.	Crim- ping Tools Code
10	6.4	4.4	7.2	9.7	2.8	9	4	9	8	30	MGBALS-214	MG-10
10	8.2	4.4	7.2	15	1.8	9	4	9	8	30	MGBALS-215	MG-10
16	6.4	5.4	8.3	11.4	2.9	13	4	11	9	37	MGBALS-252	MG-50BS
16	8.2	5.4	8.3	11.4	2.9	13	4	11	9	37	MGBALS-216	MG-50BS
16	10.2	5.4	8.3	18	1.8	13	4	11	9	37	MGBALS-217	MG-50BS
25	6.4	7	9.7	13.7	2.7	16	7	11	10	44	MGBALS-253	MG-50BS
25	8.2	7	9.7	13.7	2.7	16	7	11	10	44	MGBALS-218	MG-50BS
25	10.2	7	9.7	18	1.7	16	7	11	10	44	MGBALS-219	MG-50BS
25	12.7	7	9.7	18	1.7	16	7	11	10	44	MGBALS-220	MG-50BS
35	6.4	8	10.8	15.4	2.8	18	7	11	11	47	MGBALS-254	MG-50BS
35	8.2	8	10.8	15.4	2.8	18	7	11	11	47	MGBALS-221	MG-50BS
35	10.2	8	10.8	20	2.1	18	7	11	11	47	MGBALS-222	MG-50BS
50	8.2	9.3	13	18.3	3.7	22	8	13	11	54	MGBALS-255	MG-120
50	10.2	9.3	13	23	2.8	22	8	13	11	54	MGBALS-312	MG-120
50	12.7	9.3	13	23	2.8	22	8	13	11	54	MGBALS-224	MG-120
70	8.2	11.4	15.6	22.3	4.4	26	8	13	13	60	MGBALS-256	MG-120
70	10.2	11.4	15.6	22.3	4.4	26	8	13	13	60	MGBALS-225	MG-120
70	12.7	11.4	15.6	22.3	4.4	26	8	13	13	60	MGBALS-226	MG-120
95	10.2	13	17.4	24.6	4.2	28	8	14	14	64	MGBALS-227	MG-120
95	12.7	13	17.4	24.6	4.2	28	8	14	14	64	MGBALS-228	MG-120
95	16.2	13	17.4	24.6	4.2	28	8	14	14	64	MGBALS-229	MG-120

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Size mm2	E	A	C	D	F	B	K	H	G	J	MG CAT NO.	Crim- ping Tools Code
120	10.2	14.7	19.6	28.2	4.6	32	11	15	15	73	MGBALS-257	MG-300H
120	12.7	14.7	19.6	28.2	4.6	32	11	15	15	73	MGBALS-230	MG-300H
120	16.2	14.7	19.6	28.2	4.6	32	11	15	15	73	MGBALS-231	MG-300H
150	10.2	16.5	21.5	30.9	5	34	11	17	17	79	MGBALS-258	MG-300H
150	12.7	16.5	21.5	30.9	5	34	11	17	17	79	MGBALS-232	MG-300H
150	16.2	16.5	21.5	30.9	5	34	11	17	17	79	MGBALS-233	MG-300H
185	10.2	18.5	24	34.6	5.5	36	12	18	18	84	MGBALS-311	MG-300H
185	12.7	18.5	24	34.6	5.5	36	12	18	18	84	MGBALS-234	MG-300H
185	16.2	18.5	24	34.6	5.5	36	12	18	18	84	MGBALS-235	MG-300H
240	12.7	21.3	28.2	40.6	6.6	44	14	22	22	102	MGBALS-236	MG-300H
240	16.2	21.3	28.2	40.6	6.6	44	14	22	22	102	MGBALS-237	MG-300H
300	16.2	24.1	31.2	44.2	7	47	14	27	27	115	MGBALS-300	MG-300H
300	20.3	24.1	31.2	44.2	7	47	14	27	27	115	MGBALS-259	MG-300H
400	20.3	27.1	35.7	51.5	8.5	56	13	31	30	130	MGBALS-260	MG-1000
500	20.3	30.2	41	58.7	10	60	15	33	32	140	MGBALS-296	MG-1000
625	20.3	35.2	46	66	10	69	16	35	34	154	MGBALS-261	MG-1000
800	BL	39	51	73	12	77	25	39	39	180	MGBALS-318	MG-1000
1000	BL	43.5	57	81.9	13.5	100	30	45	45	220	MGBALS-319	MG-1000