

Herausgeber	STANDARD	CODE	METAL	THICK-NESS in µm	PASSIVATION	Sealer	DIN 19598 = KOTSCH PLATING CODE	NOTICE
BMW	GS 90010	A5	Zinc	>5	w/o passivation	w/o sealer	Fe//Zn5	w/o Cr(VI); ROHS compliant
	GS 90010	CUG	Copper	>12		-	Fe/Cu12	w/o Cr(VI); ROHS compliant
	GS 90010	SN	Tin	>8		-	Fe/Sn8	Conflict Minerals compliant
	GS 90010	ZNFE SI	Zinc-Iron	>5	thickfilm passivation	w/ sealer	Fe//ZnFe5/Cn//T2	w/o Cr(VI); ROHS compliant
	GS 90010	ZNFE SW	Zinc-Iron	>5	black passivation	w/ sealer	Fe//ZnFe5/Fn//T2	w/o Cr(VI); ROHS compliant
	GS 90010	ZNNI SI	Zinc-Nickel	>6	transparent passivation	w/o sealer	Fe//ZnNi6/Cn//T0	w/o Cr(VI); ROHS compliant
	GS 90010	ZNNIV SI	Zinc-Nickel	>6	transparent passivation	w/ sealer	Fe//ZnNi6/Cn//T2	w/o Cr(VI); ROHS compliant
	GS 90010	ZNT	Zinc	>5	thickfilm passivation	w/o sealer	Fe//Zn5//Cn//T0	w/o Cr(VI); ROHS compliant
Bosch	N67F 821 02		Zinc	>5	transparent passivation (=blue)	w/o sealer	Fe//Zn5//An//T0	w/o Cr(VI); ROHS compliant
	N67F 826 45		Zinc-Nickel	8-25	transparent passivation	w/o sealer	Fe//ZnNi8-25/An//T0	w/o Cr(VI); ROHS compliant
	N67F - CM-ZN-2	5 001 100 002	Zinc	>5	transparent passivation (=blue)	w/o sealer	Fe//Zn5//An//T0	w/o Cr(VI); ROHS compliant
	N67F CM-ZN-3	5 001 110 002	Zinc-Nickel	5-10	transparent passivation	w/o sealer	Fe//ZnNi5-10/Cn//T0	w/o Cr(VI); ROHS compliant
Caterpillar Inc.	1E0397	Fe/Zn5-12/Cn/T2	Zinc	5-12	thickfilm passivation	w/ sealer	Fe//Zn5-12/Cn//T2	w/o Cr(VI); ROHS compliant
Cohline	COH-TL 267	Zn10p	Zinc	10-12	thickfilm passivation	w/o sealer	Fe//Zn10-12/Cn//T0	w/o Cr(VI); ROHS compliant
Continental	ATE N 106 61 00 OFL1325	ZnNi8f vs	Zinc-Nickel	8-15	passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	PP 152	Fe//ZnNi8-15/Cn//T0	Zinc-Nickel	8-15	transparent passivation	w/o sealer	Fe//ZnNi8-15/An//T0	w/o Cr(VI); ROHS compliant
	PP 152	Fe//ZnNi8-15/Cn//T2	Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	PP 212	Fe//Zn8/Cn//T0/T4	Zinc	8-25	thickfilm passivation	w/o sealer	Fe//Zn8/Cn//T0/T4	w/o Cr(VI); ROHS compliant
	PP 212	Fe//Zn8-15//Cn//T2	Zinc	8-25	thickfilm passivation	w/ sealer	Fe//Zn8-15//Cn//T2	w/o Cr(VI); ROHS compliant
DAF	DAF WO	230	Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
Mercedes-Benz (Daimler AG)	DBL 8451	DBL 8451.12	Zinc	8-15	blue passivation	w/o sealer	Fe//Zn8-15/An//T0	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.13	Zinc-Iron	8-15	black passivation	w/ sealer	Fe//ZnFe8-15/Fn//T2	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.15	Zinc	8-15	transparent passivation	w/ sealer	Fe//Zn8-15/Cn//T2	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.16	Zinc	8-15	transparent passivation	w/o sealer	Fe//Zn8-15/Cn//T0	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.22	Zinc	8-15	blue passivation	w/o sealer	Fe//Zn8-15/An//T0	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.62	Zinc-Nickel	8-15	transparent passivation	w/o sealer	Fe//ZnNi8-15/An//T0	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.65	Zinc-Nickel	8-15	transparent passivation	w/ sealer, w/o lubri	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.66	Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.69	Zinc-Nickel	8-15	ZnNi + black KTL coating	w/o sealer	Fe//ZnNi8-15/An//T7	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.72	Zinc-Nickel	8-15	transparent passivation	w/o sealer	Fe//ZnNi8-15/An//T0	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.76	Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.79	Zinc-Nickel	8-15	ZnNi + black KTL coating	w/o sealer	Fe//ZnNi8-15/An//T7	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.86	Zinc-Iron	8-15	transparent passivation	w/ sealer	Fe//ZnFe8-15/Cn//T2	w/o Cr(VI); ROHS compliant
	DBL 8451	DBL 8451.96	Zinc-Iron	8-15	transparent passivation	w/o sealer	Fe//ZnFe8-15/Cn//T0	w/o Cr(VI); ROHS compliant
	DBL 7381	.20	KTL		black KTL coating			w/o Cr(VI); ROHS compliant
Deutz	FV 0160 0068		Zinc	12-18	thickfilm passivation	w/o sealer	Fe//Zn12-18/Cn//T0	w/o Cr(VI); ROHS compliant
Fiat	9.57409 719		Zinc-Nickel	7-14	iridescent passivation	w/ sealer	Fe//ZnNi7-14/Cn//T2	w/o Cr(VI); ROHS compliant
Fiat-Chrysler- Automobiles	PS.50036 C8 Plain		Zinc	>8	w/o passivation	w/o sealer	Fe//Zn8	w/o Cr(VI); ROHS compliant
	WSF-M1P89-A1		Zinc-Iron	>5	black passivation	w/ sealer	Fe//ZnFe8/Fn//T2	w/o Cr(VI); ROHS compliant
	WSF-M1P89-A2		Zinc-Iron	>8	black passivation	w/ sealer	Fe//ZnFe8/Fn//T2	w/o Cr(VI); ROHS compliant

Ford	WSS-M21 P44-A1		Zinc-Nickel	6-12	transparent passivation	w/o sealer	Fe//ZnNi6-12/An//T0	w/o Cr(VI); ROHS compliant
Hitachi	GD 211632	GD 211632	Zinc	8-13	thickfilm passivation	w/o sealer	Fe//Zn8-13/An//T0	w/o Cr(VI); ROHS compliant
Hydac	Hydac 01200550	Hydac 01200550	Tin	6-12	-	-	Fe/Sn6-12	Conflict Minerals compliant
	Hydac 01200550c	Hydac 01200550c	Tin	2-6	-	-	Fe/Sn2-6	Conflict Minerals compliant
Jaguar	STJLR.50.5058	Fe//ZnNi7-11/Cn//T2	Zinc-Nickel	7-11	transparent passivation	w/ sealer	Fe//ZnNi7-11/Cn//T2	w/o Cr(VI); ROHS compliant
LandRover Limited	STJLR.50.5058	Fe//ZnNi7-11/Cn//T2	Zinc-Nickel	7-11	transparent passiviert	w/ sealer, tempered	Fe//ZnNi7-11/An/HR(210)	w/o Cr(VI); ROHS compliant
Jungheinrich	JHS 9950892 - K2 ZNS	Fe//Zn5/Cn//T0	Zinc	>5	thickfilm passivation	w/o sealer	Fe//Zn5/Cn//T0	w/o Cr(VI); ROHS compliant
KION Group	WN 10616-3-211		Zinc	>12	thickfilm passivation	w/ sealer	Fe//Zn12/Cn//T2	w/o Cr(VI); ROHS compliant
KION Group	WN 10616-3-211		Zinc	8-16	thickfilm passivation	w/ sealer	Fe//Zn8-16/Cn//T2	w/o Cr(VI); ROHS compliant
KNORR	N12005-P26 3C		Zinc	>12	thickfilm passivation	w/ sealer	Fe//Zn12/Cn//T2	w/o Cr(VI); ROHS compliant
Jungheinrich	JHS 9950892 - K2 ZNS	Fe//Zn5/Cn//T0	Zinc	>5	thickfilm passivation	w/o sealer	Fe//Zn5/Cn//T0	w/o Cr(VI); ROHS compliant
Liebherr	LN 252-7	Fe//ZnNi8-12/Cn//T2	Zinc-Nickel	8-12	iridescent passivation	w/ sealer	Fe//ZnNi8-12/Cn//T2	w/o Cr(VI); ROHS compliant
	TLV 12250	Fe//ZnFe12/Cn//T2	Zinc-Iron	>12	thickfilm passivation	w/ sealer	Fe//ZnFe12/Cn//T2	w/o Cr(VI); ROHS compliant
Mahle	Mahle HI 81	Tin	Tin	5-9		-	Fe/Sn5-9	Conflict Minerals compliant
	Mahle HI 85	Zinc	Zinc	8-12	thickfilm passivation	w/o sealer	Fe//Zn8-12/Cn//T0	w/o Cr(VI); ROHS compliant
	WNA 2130	S7	Zinc-Nickel	>6	transparent passivation	w/ sealer	Fe//ZnNi6/Cn//T2	w/o Cr(VI); ROHS compliant
	Mahle HI 119	Zinc-Nickel	Zinc-Nickel	6-12	transparent passivation	w/ sealer	Fe//ZnNi6-12/An//T2	w/o Cr(VI); ROHS compliant
MAN	MAN 183-3	B1	Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	MAN 183-3	B11	Zinc-Nickel	8-15	transparent passivation	w/o sealer	Fe//ZnNi8-15/An//T0	w/o Cr(VI); ROHS compliant
	MAN 183-3	B12	Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	MAN 183-3	B13	Zinc	>8	thickfilm passivation	w/o sealer	Fe//Zn8/Cn//T0	w/o Cr(VI); ROHS compliant
	MAN 183-3	B4	Zinc-Iron	8-15	black passivation	w/ sealer	Fe//ZnFe8-15/Fn//T2	w/o Cr(VI); ROHS compliant
	MAN M 3536	S	Zinc-Nickel	8-15	transparent passivation	w/o sealer	Fe//ZnNi8-15/An//T0	w/o Cr(VI); ROHS compliant
	MAN M 3536	SV	Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	Meiller Kipper	WK 0000 0391 674		Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2
Parker	FC-F01 Rev. A		Zinc	8-12	thickfilm passivation	w/ sealer	Fe//Zn8-12/Cn//T2	w/o Cr(VI); ROHS compliant
	HS-F22		Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
	PN 11011	36d0	Zinc-Iron	8-25	black passivation	w/ sealer	Fe//ZnFe8-25/Cn//T2	w/o Cr(VI); ROHS compliant
Porsche	PN 11011	c310	Zinc	8-25	w/o passivation	w/o sealer	Fe//Zn8-25	w/o Cr(VI); ROHS compliant
	PN 11011	c340	Zinc	8-25	blue passivation	w/o sealer	Fe//Zn8-25/An//T0	w/o Cr(VI); ROHS compliant
	PN 11011	c343	Zinc	8-25	thickfilm passivation	w/ sealer	Fe//Zn8-25/Cn//T2	w/o Cr(VI); ROHS compliant
	PN 11011	r642	Zinc-Nickel	8-25	transparent passivation	w/o sealer	Fe//ZnNi8-25/An//T0	w/o Cr(VI); ROHS compliant
	RITTAL	INT-AA-TL-037-DE	Beanspruchungsstufe ;	Zinc	>8	thickfilm passivation	w/o sealer	Fe//Zn8/Cn//T0
Schaeffler KG	S133305-1	Beanspruchungsstufe ;	Zinc-Nickel	5-17	transparent passivation	w/o sealer	Fe//ZnNi5-17/An//T0	w/o Cr(VI); ROHS compliant
Tesla	TM-009F-M	Grade 01	Zinc	8-25	transparent passivation	w/o sealer	Fe//Zn8-25/An//T0	w/o Cr(VI); ROHS compliant
	TM-009F-M	Grade 02	Zinc	8-25	thickfilm passivation	w/o sealer	Fe//Zn8-25/Cn//T0	w/o Cr(VI); ROHS compliant
	TM-009F-M	Grade 03	Zinc	8-25	thickfilm passivation	w/ sealer	Fe//Zn8-25/An//T2	w/o Cr(VI); ROHS compliant
	TM-009F-M	Grade 10	Zinc-Nickel	8-25	transparent passivation	w/ sealer	Fe//ZnNi8-25/An//T2	w/o Cr(VI); ROHS compliant
	TM-009F-M	Grade 11	Zinc-Nickel	8-25	transparent passivation	w/ sealer	Fe//ZnNi8-25/An//T2	w/o Cr(VI); ROHS compliant
	TM-009F-M	Grade 12	Zinc-Nickel	8-25	transparent passivation	w/o sealer	Fe//ZnNi8-25/An//T0	w/o Cr(VI); ROHS compliant
	TM-009F-M	Grade 13	Zinc-Nickel	>5	transparent passivation	w/o sealer	Fe//ZnNi5/An//T0	w/o Cr(VI); ROHS compliant
	TM-009F-M	Grade 14	Zinc-Nickel	8-25	transparent passivation	w/ sealer	Fe//ZnNi8-25/An//T2	w/o Cr(VI); ROHS compliant
	TM-009F-M	Grade 20	Zinc-Eisen	8-25	thickfilm passivation	w/o sealer	Fe//ZnFe8-25/Cn//T0	w/o Cr(VI); ROHS compliant

ThyssenKrupp									
Bilstein	WNB 879-D	Fe//ZnNi10-15/An//T0	Zinc-Nickel	10-15	transparent passivation	w/o sealer	Fe//ZnNi10-15/An//T0	w/o Cr(VI); ROHS compliant	
Uponor	WN07-02a-0104	CuZn/Cu2-6/Sn2-6	Copper + Tin	2-6/3-6		-	CuZn/Cu2-6/Sn2-6	Conflict Minerals compliant	
	WN07-02a-0104	CuZn/Cu2-6/Sn3-7	Copper + Tin	2-6/3-7		-	CuZn/Cu2-6/Sn3-7	Conflict Minerals compliant	
VDA	VDA 233-101	ZnFe-p SI	Zinc-Iron	8-15	transparent passivation	w/o sealer	Fe//ZnFe8-15/Cn//T0	w/o Cr(VI); ROHS compliant	
	VDA 233-101	ZnFe-p-v SI	Zinc-Iron	8-15	transparent passivation	w/ sealer	Fe//ZnFe8-15/Cn//T2	w/o Cr(VI); ROHS compliant	
	VDA 233-101	ZnNi-p SI	Zinc-Nickel	8-15	transparent passivation	w/o sealer	Fe//ZnNi8-15/An//T0	w/o Cr(VI); ROHS compliant	
	VDA 233-101	ZnNi-p-v SI	Zinc-Nickel	8-15	transparent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant	
	VDA 233-101	Zn-p-v SI	Zinc	8-15	transparent passivation	w/ sealer	Fe//Zn8-15/Cn//T2	w/o Cr(VI); ROHS compliant	
	VDA 235-104	.20	Zinc	>8	transparent passivation	w/o sealer	Fe//ZnNi8/Cn//T0	w/o Cr(VI); ROHS compliant	
	VDA 235-104	.25	Zinc-Nickel	>8	transparent passivation	w/o sealer	Fe//ZnNi8/Cn//T0	w/o Cr(VI); ROHS compliant	
	VDA 235-104	.30	Zinc-Iron	>8	black passivation	w/ sealer	Fe//ZnFe8/Fn//T2	w/o Cr(VI); ROHS compliant	
Volvo	STD 5732,104	Fe/Zn-Fe 12 C4	Zinc-Iron	>12	black passivation	w/ sealer	Fe//ZnFe12/Fn//T2	w/o Cr(VI); ROHS compliant	
	STD 5732,104	Fe/Zn-Fe 8 C4	Zinc-Iron	>8	black passivation	w/ sealer	Fe//ZnFe12/Fn//T2	w/o Cr(VI); ROHS compliant	
	STD 5732,105	Fe/Zn 8 C3	Zinc	>8	thickfilm passivation	w/o sealer	Fe//Zn8/Cn//T0	w/o Cr(VI); ROHS compliant	
	STD 5732,105	Fe/Zn 8 C4	Zinc	>8	black passivation	w/ sealer	Fe//Zn8/Fn//T2	w/o Cr(VI); ROHS compliant	
Voss	Voss-WN 3006-1	Fe//ZnNi6/An//T2	Zinc-Nickel	>6	transparent passivation	w/ sealer	Fe//ZnNi6/An//T2	w/o Cr(VI); ROHS compliant	
VW	VW 13750	g100	Tin	>6		-	Fe/Sn6 oder Cu/Sn6	Conflict Minerals compliant	
	VW 13750	g300	Tin	>12		-	Fe/Sn12 oder Cu/Sn12	Conflict Minerals compliant	
	VW 13750	g600	Tin	>20		-	Fe/Sn20 oder Cu/Sn20	Conflict Minerals compliant	
	VW 13750 k110+g100	CuZn/Cu3-6/Sn8-15	Copper + Tin	3-6/8-15		-	CuZn/Cu3-6/Sn8-15	Conflict Minerals compliant	
	VW 13750 TL 153	r301	Zinc-Iron	8-25	thickfilm passivation	w/ sealer	Fe//ZnFe8-25/Cn//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 153	r302	Zinc-Iron	8-25	black passivation	w/ sealer	Fe//ZnFe8-25/Fn//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 194	c696	Zinc	12-20	thickfilm passivation	w/ sealer	Fe//Zn12-20/A//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 194	c696	Zinc	15-35	thickfilm passivation	w/ sealer	Fe//Zn15-35/A//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c310	Zinc	8-25	w/o passivation	w/o sealer	Fe//Zn8-25	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c340	Zinc	8-25	blue passivation	w/o sealer	Fe//Zn8-25/An//T0	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c341	Zinc	8-25	blue passivation	w/ sealer	Fe//Zn8-25/An//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c342	Zinc	8-25	thickfilm passivation	w/o sealer	Fe//Zn8-25/Cn//T0	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c343	Zinc	8-25	thickfilm passivation	w/ sealer	Fe//Zn8-25/Cn//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c610	Zinc	15-23	w/o passivation	w/o sealer	Fe//Zn15-23	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c640	Zinc	15-23	blue passivation	w/o sealer	Fe//Zn15-23/B	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c641	Zinc	15-23	blue passivation	w/ sealer	Fe//Zn15-23/B//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c642	Zinc	15-23	thickfilm passivation	w/o sealer	Fe//Zn15-23/Cn//T0	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 217	c643	Zinc	15-23	thickfilm passivation	w/ sealer	Fe//Zn15-23/A//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 244	r642	Zinc-Nickel	8-25	transparent passivation	w/o sealer	Fe//ZnNi8-25/An//T0	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 244	r643	Zinc-Nickel	8-25	transparent passivation	w/ sealer	Fe//ZnNi8-25/An//T2	w/o Cr(VI); ROHS compliant	
	VW 13750 TL 244	r673	Zinc-Nickel	8-25	black passivation	w/ sealer	Fe//ZnNi8-25/Fn//T2	w/o Cr(VI); ROHS compliant	
ZF	ZFB 726		Zinc	>8	thickfilm passivation	w/o sealer	Fe//Zn8/Cn//T0	w/o Cr(VI); ROHS compliant	
	ZFB 842		Zinc-Iron	>8	black passivation	w/ sealer	Fe//ZnFe8/Fn//T2	w/o Cr(VI); ROHS compliant	
	LMN 50-2	GAL ZNFE + PASS TR	Zinc-Iron	>12	thickfilm passivation	w/ sealer	Fe//ZnFe12/Cn//T2	w/o Cr(VI); ROHS compliant	
	LMN 50-2	GAL ZNNI + PASS TR	Zinc-Nickel	>10	transparent passivation	w/ sealer	Fe//ZnNi10/An//T2	w/o Cr(VI); ROHS compliant	
DIN (EN ISO)	DIN 19598 (former DIN 50979)	Fe//Zn10/An//T0	Zinc	>10	blue passivation	w/o sealer	Fe//Zn10/An//T0	w/o Cr(VI); ROHS compliant	
	DIN 19598 (former DIN 50979)	Fe//Zn10/An//T2	Zinc	>10	blue passivation	w/ sealer	Fe//Zn10/An//T2	w/o Cr(VI); ROHS compliant	
	DIN 19598 (former DIN 50979)	Fe//Zn10/Cn//T0	Zinc	>10	thickfilm passivation	w/o sealer	Fe//Zn10/Cn//T0	w/o Cr(VI); ROHS compliant	

DIN 19598 (former DIN 50979)	Fe//Zn10/Cn//T2	Zinc	>10	thickfilm passivation	w/ sealer	Fe//Zn10/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn10-12/An//T0	Zinc	10-12	blue passivation	w/o sealer	Fe//Zn10-12/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn10-12/Cn//T0	Zinc	10-12	thickfilm passivation	w/o sealer	Fe//Zn10-12/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn10-12/Cn//T2	Zinc	10-12	thickfilm passivation	w/ sealer	Fe//Zn10-12/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn10-15/An//T0	Zinc	10-15	blue passivation	w/o sealer	Fe//Zn10-15/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn10-15/Cn//T0	Zinc	10-15	thickfilm passivation	w/o sealer	Fe//Zn10-15/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn10-16/Cn//T2	Zinc	10-16	thickfilm passivation	w/ sealer	Fe//Zn10-16/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn10-20/An//T0	Zinc	10-20	blue passivation	w/o sealer	Fe//Zn10-20/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12/An//T0	Zinc	>12	blue passivation	w/o sealer	Fe//Zn12/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12/An//T0/T4	Zinc	>12	blue passivation, inner surface konserv	w/o sealer, inner surface konserv	Fe//Zn12/An//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12/An//T2	Zinc	>12	blue passivation	w/ sealer	Fe//Zn12/An//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12/Cn//T0	Zinc	>12	thickfilm passivation	w/o sealer	Fe//Zn12/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12/Cn//T0/T4	Zinc	>12	thickfilm passivation, inner surface konserv	w/o sealer, inner surface konserv	Fe//Zn12/Cn//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12/Cn//T2	Zinc	>12	thickfilm passivation	w/ sealer	Fe//Zn12/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12/Cn//T2/T4	Zinc	>12	thickfilm passivation, inner surface konserv	w/ sealer & inner surface konserv	Fe//Zn12/Cn//T2/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12-15/An//T0	Zinc	12-15	blue passivation	w/o sealer	Fe//Zn12-15/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12-16/Cn//T0	Zinc	12-16	thickfilm passivation	w/o sealer	Fe//Zn12-16/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12-18/An//T0	Zinc	12-18	blue passivation	w/o sealer	Fe//Zn12-18/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12-18/Cn//T0	Zinc	12-18	thickfilm passivation	w/o sealer	Fe//Zn12-18/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12-18/Cn//T2	Zinc	12-18	thickfilm passivation	w/ sealer	Fe//Zn12-18/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn12-25/An//T0	Zinc	12-25	blue passivation	w/o sealer	Fe//Zn12-25/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn13/An//T0	Zinc	>13	blue passivation	w/o sealer	Fe//Zn13/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn15/An//T0	Zinc	>15	blue passivation	w/o sealer	Fe//Zn15/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn15/An//T2	Zinc	>15	blue passivation	w/ sealer	Fe//Zn15/An//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn15/Cn//T0	Zinc	>15	thickfilm passivation	w/o sealer	Fe//Zn15/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn15/Cn//T2	Zinc	>15	thickfilm passivation	w/ sealer	Fe//Zn15/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn15-20/An//T0	Zinc	15-20	blue passivation	w/o sealer	Fe//Zn15-20/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn15-20/Cn//T2	Zinc	15-20	thickfilm passivation	w/ sealer	Fe//Zn15-20/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn15-25/An//T0	Zinc	15-25	blue passivation	w/o sealer	Fe//Zn15-25/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn15-25/Cn//T0	Zinc	15-25	thickfilm passivation	w/o sealer	Fe//Zn15-25/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn17/An//T0	Zinc	>17	blue passivation	w/o sealer	Fe//Zn17/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn18/An//T0	Zinc	>18	blue passivation	w/o sealer	Fe//Zn18/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn20/An//T0	Zinc	>20	blue passivation	w/o sealer	Fe//Zn20/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn20/Cn//T0	Zinc	>20	thickfilm passivation	w/o sealer	Fe//Zn20/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn20/Cn//T2	Zinc	>20	thickfilm passivation	w/ sealer	Fe//Zn20/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn20-24/Cn//T0/T4	Zinc	20-24	thickfilm passivation, inner surface konserv	w/o sealer, oiled	Fe//Zn20-24/Cn//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn20-40/An//T0	Zinc	20-40	blue passivation	w/o sealer	Fe//Zn20-40/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn25/An//T0	Zinc	>25	blue passivation	w/o sealer	Fe//Zn25/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn25/Cn//T0	Zinc	>25	thickfilm passivation	w/o sealer	Fe//Zn25/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn3-6/An//T0	Zinc	>3	blue passivation	w/o sealer	Fe//Zn3-6/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5/An//T0	Zinc	>5	blue passivation	w/o sealer	Fe//Zn5/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5/Cn//T0	Zinc	>5	thickfilm passivation	w/o sealer	Fe//Zn5/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5/Cn//T0/T4	Zinc	>5	thickfilm passivation	w/o sealer, oiled	Fe//Zn5/Cn//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5/Cn//T2	Zinc	>5	thickfilm passivation	w/ sealer	Fe//Zn5/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5-10/An//T0	Zinc	5-10	blue passivation	w/o sealer	Fe//Zn5-10/An//T0	w/o Cr(VI); ROHS compliant

DIN 19598 (former DIN 50979)	Fe//Zn5-10/Cn//T0	Zinc	5-10	thickfilm passivation	w/o sealer	Fe//Zn5-10/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5-12/Cn//T2	Zinc	5-12	thickfilm passivation	w/ sealer	Fe//Zn5-12/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5-7/An//T0	Zinc	5-7	blue passivation	w/o sealer	Fe//Zn5-7/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5-8/An//T0	Zinc	5-8	blue passivation	w/o sealer	Fe//Zn5-8/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn5-9/An//T0	Zinc	5-9	blue passivation	w/o sealer	Fe//Zn5-9/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6/An//T0	Zinc	>6	blue passivation	w/o sealer	Fe//Zn6/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-10/An//T0	Zinc	6-10	blue passivation	w/o sealer	Fe//Zn6-10/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-10/Cn//T0	Zinc	6-10	thickfilm passivation	w/o sealer	Fe//Zn6-10/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-10/Cn//T2	Zinc	6-10	thickfilm passivation	w/ sealer	Fe//Zn6-10/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-12/An//T0	Zinc	6-12	blue passivation	w/o sealer	Fe//Zn6-12/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-12/Cn//T0	Zinc	6-12	thickfilm passivation	w/o sealer	Fe//Zn6-12/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-8/An//T0	Zinc	6-8	blue passivation	w/o sealer	Fe//Zn6-8/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-8/Cn//T0	Zinc	6-8	thickfilm passivation	w/o sealer	Fe//Zn6-8/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-9/An//T0	Zinc	6-9	blue passivation	w/o sealer	Fe//Zn6-9/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-9/Cn//T0	Zinc	6-9	thickfilm passivation	w/o sealer	Fe//Zn6-9/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn6-9/Cn//T2	Zinc	6-9	thickfilm passivation	w/ sealer	Fe//Zn6-9/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn7-10/An//T0	Zinc	7-10	blue passivation	w/o sealer	Fe//Zn7-10/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn7-13/An//T0	Zinc	7-13	blue passivation	w/o sealer	Fe//Zn7-13/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8/An//T0	Zinc	>8	blue passivation	w/o sealer	Fe//Zn8/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8/An//T0/T4	Zinc	>8	blue passivation, inner surface konserv	w/o sealer, oiled	Fe//Zn8/An//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8/An//T2	Zinc	>8	blue passivation	w/ sealer	Fe//Zn8/An//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8/Cn//T0	Zinc	>8	thickfilm passivation	w/o sealer	Fe//Zn8/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8/Cn//T0/T4	Zinc	>8	thickfilm passivation, inner surface kon	w/o sealer, oiled	Fe//Zn8/Cn//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8/Cn//T2	Zinc	8-25	thickfilm passivation	w/ sealer	Fe//Zn8/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8/Cn//T2/T4	Zinc	>8	thickfilm passivation, inner surface kon	w/ sealer & oiled	Fe//Zn8/Cn//T2/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-10/Cn//T0	Zinc	8-10	thickfilm passivation	w/o sealer	Fe//Zn8-10/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-12/An//T0	Zinc	8-12	blue passivation	w/o sealer	Fe//Zn8-12/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-12/An//T0/T4	Zinc	8-12	blue passivation	w/o sealer, oiled	Fe//Zn8-12/An//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-12/An//T0/T4	Zinc	>8	blue passivation, inner surface konserv	w/o sealer, oiled	Fe//Zn8-12/An//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-12/An//T2	Zinc	8-12	blue passivation	w/ sealer	Fe//Zn8-12/An//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-12/Cn//T0	Zinc	8-12	thickfilm passivation	w/o sealer	Fe//Zn8-12/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-12/Cn//T0/T4	Zinc	>8	thickfilm passivation, inner surface kon	w/o sealer, oiled	Fe//Zn8-12/Cn//T0/T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-13/An//T0	Zinc	8-13	blue passivation	w/o sealer	Fe//Zn8-13/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-13/Cn//T0	Zinc	8-13	thickfilm passivation	w/o sealer	Fe//Zn8-13/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-14/An//T0	Zinc	8-14	blue passivation	w/o sealer	Fe//Zn8-14/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-14/Cn//T0	Zinc	8-14	thickfilm passivation	w/o sealer	Fe//Zn8-14/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-15/Cn//T0	Zinc	8-15	thickfilm passivation	w/o sealer	Fe//Zn8-15/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-15/Cn//T2	Zinc	8-15	thickfilm passivation	w/ sealer	Fe//Zn8/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-16/An//T0	Zinc	8-16	blue passivation	w/o sealer	Fe//Zn8-16/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-20/An//T0	Zinc	8-20	blue passivation	w/o sealer	Fe//Zn8-20/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-25/An//T0	Zinc	8-25	blue passivation	w/o sealer	Fe//Zn8-25/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-25/Cn//T0	Zinc	8-25	thickfilm passivation	w/o sealer	Fe//Zn8-25/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn8-25/Cn//T2	Zinc	8-25	thickfilm passivation	w/ sealer	Fe//Zn8-25/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//Zn9/Cn//T0	Zinc	>9	thickfilm passivation	w/o sealer	Fe//Zn9/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10/Cn//T0	Zinc-Iron	>10	thickfilm passivation	w/o sealer	Fe//ZnFe10/Cn//T0	w/o Cr(VI); ROHS compliant

DIN 19598 (former DIN 50979)	Fe//ZnFe10/Cn//T2	Zinc-Iron	>10	thickfilm passivation	w/ sealer	Fe//ZnFe10/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10/Fn//T2	Zinc-Iron	>10	black passivation	w/ sealer	Fe//ZnFe10/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10/Fn//T4	Zinc-Iron	>10	black passivation	oiled	Fe//ZnFe10/Fn//T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10-12/Cn//T2	Zinc-Iron	10-12	thickfilm passivation	w/ sealer	Fe//ZnFe10-12/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10-15//T0	Zinc-Iron	10-15	w/o passivation	w/o sealer	Fe//ZnFe10-15//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10-15/Cn//T0	Zinc-Iron	10-15	thickfilm passivation	w/o sealer	Fe//ZnFe10-15/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10-15/Fn//T0	Zinc-Iron	10-15	black passivation	w/o sealer	Fe//ZnFe10-15/Fn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10-15/Fn//T4	Zinc-Iron	10-15	black passivation	oiled	Fe//ZnFe10-15/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe10-20/Cn//T2	Zinc-Iron	10-20	thickfilm passivation	w/ sealer	Fe//ZnFe10-20/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe12/Cn//T0	Zinc-Iron	>12	thickfilm passivation	w/o sealer	Fe//ZnFe12/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe12/Cn//T0	Zinc-Iron	>12	thickfilm passivation	w/o sealer	Fe//ZnFe12/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe12/Cn//T2	Zinc-Iron	>12	thickfilm passivation	w/ sealer	Fe//ZnFe12/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe12/Fn//T0	Zinc-Iron	>12	black passivation	w/o sealer	Fe//ZnFe12/Fn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe12/Fn//T2	Zinc-Iron	>12	black passivation	w/ sealer	Fe//ZnFe12/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe12-15/Cn//T0	Zinc-Iron	12-15	thickfilm passivation	w/o sealer	Fe//ZnFe12-15/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe12-18/Fn//T2	Zinc-Iron	12-15	black passivation	w/ sealer	Fe//ZnFe12-18//Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe15/Cn//T0	Zinc-Iron	>15	thickfilm passivation	w/o sealer	Fe//ZnFe15/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe15-20/Cn//T0	Zinc-Iron	15-20	thickfilm passivation	w/o sealer	Fe//ZnFe15-20/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe2-4/Cn//T0	Zinc-Iron	2-4	thickfilm passivation	w/o sealer	Fe//ZnFe2-4/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe2-5/Cn//T0	Zinc-Iron	2-5	thickfilm passivation	w/o sealer	Fe//ZnFe2-5/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe2-5/Cn//T2	Zinc-Iron	2-5	thickfilm passivation	w/ sealer	Fe//ZnFe2-5/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe3/Cn//T2	Zinc-Iron	>3	thickfilm passivation	w/ sealer	Fe//ZnFe3/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe3-6/Cn//T0	Zinc-Iron	3-6	thickfilm passivation	w/o sealer	Fe//ZnFe3-6/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5/Cn//T0	Zinc-Iron	>5	thickfilm passivation	w/o sealer	Fe//ZnFe5/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5/Cn//T2	Zinc-Iron	>5	thickfilm passivation	w/ sealer	Fe//ZnFe5/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5/Fn//T0	Zinc-Iron	>5	black passivation	w/ sealer	Fe//ZnFe5/Fn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5/Fn//T2	Zinc-Iron	>5	black passivation	w/ sealer	Fe//ZnFe5/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5/Fn//T4	Zinc-Iron	>5	black passivation	w/ sealer	Fe//ZnFe5/Fn//T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5-10/Fn//T0	Zinc-Iron	5-10	black passivation	w/o sealer	Fe//ZnFe5-10/Fn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5-10/Fn//T2	Zinc-Iron	5-10	black passivation	w/ sealer	Fe//ZnFe8/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5-10/Fn//T4	Zinc-Iron	5-10	black passivation	oiled	Fe//ZnFe5-10/Fn//T4	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5-15/Cn//T0	Zinc-Iron	5-15	thickfilm passivation	w/o sealer	Fe//ZnFe5-15/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe5-8/Fn//T2	Zinc-Iron	8-15	black passivation	w/ sealer	Fe//ZnFe5-8/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe6-10/Cn//T0	Zinc-Iron	6-10	thickfilm passivation	w/o sealer	Fe//ZnFe6-10/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe6-12/Fn//T2	Zinc-Iron	6-12	black passivation	w/ sealer	Fe//ZnFe6-12/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe6-8/Cn//T0	Zinc-Iron	6-8	thickfilm passivation	w/o sealer	Fe//ZnFe6-8/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe6-8/Cn//T2	Zinc-Iron	6-8	thickfilm passivation	w/ sealer	Fe//ZnFe6-8/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe6-8/Fn//T2	Zinc-Iron	6-8	black passivation	w/ sealer	Fe//ZnFe6-8/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe6-9/Cn//T0	Zinc-Iron	6-9	thickfilm passivation	w/o sealer	Fe//ZnFe6-9/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe6-9/Cn//T2	Zinc-Iron	6-9	thickfilm passivation	w/ sealer	Fe//ZnFe6-9/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe8//T0	Zinc-Iron	>8	w/o passivation	w/o sealer	Fe//ZnFe8//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe8/Cn//T0	Zinc-Iron	>8	thickfilm passivation	w/o sealer	Fe//ZnFe8/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe8/Cn//T0	Zinc-Iron	>8	thickfilm passivation	w/o sealer	Fe//ZnFe8/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe8/Cn//T2	Zinc-Iron	>8	thickfilm passivation	w/ sealer	Fe//ZnFe8/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnFe8/Fn//T2	Zinc-Iron	>8	black passivation	w/ sealer	Fe//ZnFe8/Fn//T2	w/o Cr(VI); ROHS compliant



DIN 19598 (former DIN 50979)	Fe//ZnNi6-15/Cn//T2	Zinc-Nickel	6-15	iridescent passivation	w/ sealer	Fe//ZnNi6-15/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi6-16/Cn//T0	Zinc-Nickel	6-16	iridescent passivation	w/o sealer	Fe//ZnNi6-16/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi6-16/Cn//T2	Zinc-Nickel	6-16	iridescent passivation	w/ sealer	Fe//ZnNi6-16/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi6-25/Cn//T0	Zinc-Nickel	6-25	iridescent passivation	w/o sealer	Fe//ZnNi6-25/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi6-25/Cn//T2	Zinc-Nickel	6-25	iridescent passivation	w/ sealer	Fe//ZnNi6-25/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi6-8/Cn//T0	Zinc-Nickel	6-8	iridescent passivation	w/o sealer	Fe//ZnNi6-8/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi6-8/Cn//T2	Zinc-Nickel	6-8	iridescent passivation	w/ sealer	Fe//ZnNi6-8/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi7-11/Cn//T2	Zinc-Nickel	7-11	transparent passivation	w/ sealer	Fe//ZnNi6-15/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8//T0	Zinc-Nickel	>8	w/o passivation	w/o sealer	Fe//ZnNi8//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8/An//T0	Zinc-Nickel	>8	transparent passivation	w/o sealer	Fe//ZnNi8/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8/Cn//T0	Zinc-Nickel	>8	iridescent passivation	w/o sealer	Fe//ZnNi8/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8/Cn//T2	Zinc-Nickel	>8	iridescent passivation	w/ sealer	Fe//ZnNi8/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8/Fn//T0	Zinc-Nickel	>8	black passivation	w/o sealer	Fe//ZnNi8/Fn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8/Fn//T2	Zinc-Nickel	>8	black passivation	w/ sealer	Fe//ZnNi8/Fn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-12/Cn//T0	Zinc-Nickel	8-12	iridescent passivation	w/o sealer	Fe//ZnNi8-12/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-12/Cn//T2	Zinc-Nickel	8-12	iridescent passivation	w/ sealer	Fe//ZnNi8-12/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-15//T0	Zinc-Nickel	8-15	w/o passivation	w/o sealer	Fe//ZnNi8-15//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-15/Cn//T0	Zinc-Nickel	8-15	iridescent passivation	w/o sealer	Fe//ZnNi8-15/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-15/Cn//T2	Zinc-Nickel	8-15	iridescent passivation	w/ sealer	Fe//ZnNi8-15/An//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-16/Cn//T0	Zinc-Nickel	8-16	iridescent passivation	w/o sealer	Fe//ZnNi8-16/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-16/Cn//T2	Zinc-Nickel	8-16	iridescent passivation	w/ sealer	Fe//ZnNi8-18/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-18/Cn//T2	Zinc-Nickel	8-18	iridescent passivation	w/ sealer	Fe//ZnNi8-18/Cn//T2	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-20/Cn//T0	Zinc-Nickel	8-20	iridescent passivation	w/o sealer	Fe//ZnNi8-20/Cn//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-25/Cn//T0	Zinc-Nickel	8-25	iridescent passivation	w/o sealer	Fe//ZnNi8-25/An//T0	w/o Cr(VI); ROHS compliant
DIN 19598 (former DIN 50979)	Fe//ZnNi8-25/Cn//T2	Zinc-Nickel	8-25	iridescent passivation	w/ sealer	Fe//ZnNi8-25/An//T2	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn12	Zinc	>12	w/o passivation	w/o sealer	Fe//Zn12	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn20	Zinc	>20	w/o passivation	w/o sealer	Fe//Zn20	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn5	Zinc	>5	w/o passivation	w/o sealer	Fe//Zn5	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn6	Zinc	>6	w/o passivation	w/o sealer	Fe//Zn6	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn6-10	Zinc	6-10	w/o passivation	w/o sealer	Fe//Zn6-10	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn6-12	Zinc	6-12	w/o passivation	w/o sealer	Fe//Zn6-12	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn6-9	Zinc	6-9	w/o passivation	w/o sealer	Fe//Zn6-9	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn8	Zinc	>8	w/o passivation	w/o sealer	Fe//Zn8	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn8-15	Zinc	>8	w/o passivation	w/o sealer	Fe//Zn8-15	w/o Cr(VI); ROHS compliant
DIN 50961	Fe/Zn9	Zinc	>9	w/o passivation	w/o sealer	Fe//Zn9	w/o Cr(VI); ROHS compliant
DIN 50965	Cu//Sn5	Tin	>5			Cu//Sn5	Conflict Minerals compliant
DIN 50965	Cu//Sn10	Tin	>10			Cu//Sn10	Conflict Minerals compliant
DIN 50965	Cu//Sn12	Tin	>12			Cu//Sn12	Conflict Minerals compliant
DIN 50965	Cu//Sn15	Tin	>15			Cu//Sn15	Conflict Minerals compliant
DIN 50965	Cu//Sn15-35	Tin	15-35			Cu//Sn15-35	Conflict Minerals compliant
DIN 50965	Cu//Sn20	Tin	>20			Cu//Sn20	Conflict Minerals compliant
DIN 50965	Cu//Sn2-6	Tin	2-6			Cu//Sn2-6	Conflict Minerals compliant
DIN 50965	Cu//Sn2-8	Tin	2-8			Cu//Sn2-8	Conflict Minerals compliant
DIN 50965	Cu//Sn4	Tin	>4			Cu//Sn4	Conflict Minerals compliant
DIN 50965	Cu//Sn5-10	Tin	5-10			Cu//Sn5-10	Conflict Minerals compliant

DIN 50965	Cu/Sn5-15	Tin	5-15		Cu/Sn5-15	Conflict Minerals compliant
DIN 50965	Cu/Sn6	Tin	>6		Cu/Sn6	Conflict Minerals compliant
DIN 50965	Cu/Sn7-12	Tin	7-12		Cu/Sn7-12	Conflict Minerals compliant
DIN 50965	Cu/Sn7-13	Tin	7-13		Cu/Sn7-13	Conflict Minerals compliant
DIN 50965	Cu/Sn8	Tin	>8		Cu/Sn8	Conflict Minerals compliant
DIN 50965	Cu/Sn8-10	Tin	8-10		Cu/Sn8-10	Conflict Minerals compliant
DIN 50965	Cu/Sn8-12	Tin	8-12		Cu/Sn8-12	Conflict Minerals compliant
DIN 50965	CuZn/Cu2-5/Sn3-5	Copper + Tin	2-5/3-5		CuZn/Cu2-5/Sn3-5	Conflict Minerals compliant
DIN 50965	CuZn/Cu2-6/Sn2-6	Copper + Tin	2-6 / 2-6		CuZn/Cu2-5/Sn3-6	Conflict Minerals compliant
DIN 50965	CuZn/Cu2-6/Sn3-7	Copper + Tin	2-6 / 3-7		CuZn/Cu2-6/Sn3-7	Conflict Minerals compliant
DIN 50965	CuZn/Cu2-6/Sn5-9	Copper + Tin	2-6 / 5-9		CuZn/Cu2-6/Sn5-9	Conflict Minerals compliant
DIN 50965	CuZn/Cu3/Sn13-25	Copper + Tin	3-10/13-25		CuZn/Cu3/Sn13-25	Conflict Minerals compliant
DIN 50965	CuZn/Cu4/Sn8	Copper + Tin	>4/>8		CuZn/Cu4/Sn8	Conflict Minerals compliant
DIN 50965	CuZn/Cu5-10/Sn5-10	Copper + Tin	5-10/5-10		CuZn/Cu5-10/Sn5-10	Conflict Minerals compliant
DIN 50965	CuZn/Cu8	Copper	>8		CuZn/Cu8	
DIN 50965	CuZn/Sn10	Tin	>10		CuZn/Sn10	Conflict Minerals compliant
DIN 50965	CuZn/Sn3	Tin	>3		CuZn/Sn3	Conflict Minerals compliant
DIN 50965	CuZn/Sn3-10	Tin	3-10		CuZn/Sn3-10	Conflict Minerals compliant
DIN 50965	CuZn/Sn5	Tin	>5		CuZn/Sn5	Conflict Minerals compliant
DIN 50965	Fe/Cu10-12	Copper	10-12		Fe/Cu10-12	
DIN 50965	Fe/Cu10-12/T4	Copper	10-12	passivation	Fe/Cu10-12/T4	
DIN 50965	Fe/Cu12	Copper	>12		Fe/Cu12	
DIN 50965	Fe/Cu12/T4	Copper	>12	passivation	Fe/Cu12/T4	
DIN 50965	Fe/Cu12-15	Copper	12-15		Fe/Cu12-15	
DIN 50965	Fe/Cu12-15/T4	Copper	12-15	passivation	Fe/Cu12-15/T4	
DIN 50965	Fe/Cu15	Copper	>15	passivation	Fe/Cu15	
DIN 50965	Fe/Cu1-5/Sn10-15	Copper + Tin	1-5/10-15		Fe/Cu1-5/Sn10-15	Conflict Minerals compliant
DIN 50965	Fe/Cu1-5/Sn15-25	Copper + Tin	1-5/15-25		Fe/Cu1-5/Sn15-25	Conflict Minerals compliant
DIN 50965	Fe/Cu1-5/Sn6	Copper + Tin	>1 >6		Fe/Cu1-5/Sn6	Conflict Minerals compliant
DIN 50965	Fe/Cu15/T4	Copper	>15	passivation	Fe/Cu15/T4	
DIN 50965	Fe/Cu15-20	Copper	15-20		Fe/Cu15-20	
DIN 50965	Fe/Cu20	Copper	>20	passivation	Fe/Cu20	
DIN 50965	Fe/Cu25	Copper	>25	passivation	Fe/Cu25	
DIN 50965	Fe/Cu2-5/Sn4-7	Copper + Tin	>4		Fe/Cu2-5/Sn4-7	Conflict Minerals compliant
DIN 50965	Fe/Cu2-6/Sn5-13	Copper + Tin	2-6/5-13		Fe/Cu2-6/Sn5-13	Conflict Minerals compliant
DIN 50965	Fe/Cu2-6/Sn5-21	Copper + Tin	2-6 5-21		Fe/Cu2-6/Sn5-21	Conflict Minerals compliant
DIN 50965	Fe/Cu2-6/Sn5-9	Copper + Tin	2-6/5-9		Fe/Cu2-6/Sn5-9	Conflict Minerals compliant
DIN 50965	Fe/Cu3/Sn15	Copper + Tin	>3/>15		Fe/Cu3/Sn15	Conflict Minerals compliant
DIN 50965	Fe/Cu3/Sn3	Copper + Tin	>3/>3		Fe/Cu3/Sn3	Conflict Minerals compliant
DIN 50965	Fe/Cu3-6	Copper	3-6		Fe/Cu3-6	
DIN 50965	Fe/Cu5/Sn5	Copper + Tin	>5/>5		Fe/Cu5/Sn5	Conflict Minerals compliant
DIN 50965	Fe/Cu5/Sn5/T4	Copper + Tin	>5/>5	passivation	Fe/Cu5/Sn5/T4	Conflict Minerals compliant
DIN 50965	Fe/Cu5/Sn7	Copper + Tin	>5/>7		Fe/Cu5/Sn7	Conflict Minerals compliant
DIN 50965	Fe/Cu5-10	Copper	5-10		Fe/Cu5-10	
DIN 50965	Fe/Cu6	Copper	>6		Fe/Cu6	

DIN 50965	Fe/Cu6-10/Sn10-16	Copper + Tin	6-10 / 10-16			Fe/Cu6-10/Sn10-16	Conflict Minerals compliant
DIN 50965	Fe/Cu6-9	Copper	6-9	passivation		Fe/Cu6-9	
DIN 50965	Fe/Cu6-9/T4	Copper	6-9	passivation		Fe/Cu6-9/T4	
DIN 50965	Fe/Cu7-20	Copper	7-20			Fe/Cu7-20	
DIN 50965	Fe/Cu8	Copper	>8			Fe/Cu8	
DIN 50965	Fe/Sn10	Tin	>10	-	-	Fe/Sn10	Conflict Minerals compliant
DIN 50965	Fe/Sn10-16	Tin	10-16			Fe/Sn10-16	Conflict Minerals compliant
DIN 50965	Fe/Sn10-20	Tin	>15			Fe/Sn10-20	Conflict Minerals compliant
DIN 50965	Fe/Sn12	Tin	>12			Fe/Sn12	Conflict Minerals compliant
DIN 50965	Fe/Sn12-15	Tin	12-15			Fe/Sn12-15	Conflict Minerals compliant
DIN 50965	Fe/Sn15	Tin	>15			Fe/Sn15	Conflict Minerals compliant
DIN 50965	Fe/Sn15-30	Tin	15-30			Fe/Sn15-30	Conflict Minerals compliant
DIN 50965	Fe/Sn2-6	Tin	2-6			Fe/Sn2-6	Conflict Minerals compliant
DIN 50965	Fe/Sn2-8	Tin	2-8			Fe/Sn2-8	Conflict Minerals compliant
DIN 50965	Fe/Sn3	Tin	>3			Fe/Sn3	Conflict Minerals compliant
DIN 50965	Fe/Sn30	Tin	>30			Fe/Sn30	Conflict Minerals compliant
DIN 50965	Fe/Sn4-8	Tin	4-8			Fe/Sn4-8	Conflict Minerals compliant
DIN 50965	Fe/Sn5	Tin	>5			Fe/Sn5	Conflict Minerals compliant
DIN 50965	Fe/Sn5-9	Tin	5-9			Fe/Sn5-9	Conflict Minerals compliant
DIN 50965	Fe/Sn6	Tin	>6			Fe/Sn6	Conflict Minerals compliant
DIN 50965	Fe/Sn6/T4	Tin	>6			Fe/Sn6/T4	Conflict Minerals compliant
DIN 50965	Fe/Sn6-12	Tin	6-12			Fe/Sn6-12	Conflict Minerals compliant
DIN 50965	Fe/Sn6-9	Tin	6-9			Fe/Sn6-9	Conflict Minerals compliant
DIN 50965	Fe/Sn7-12	Tin	7-12			Fe/Sn7-12	Conflict Minerals compliant
DIN 50965	Fe/Sn8	Tin	>8			Fe/Sn8	Conflict Minerals compliant
DIN 50965	Fe/Sn8-12	Tin	8-12			Fe/Sn8-12	Conflict Minerals compliant
ISO 4042	A3K	Zinc	>8	blue passivation	w/o sealer	Fe//Zn8/An//T0	w/o Cr(VI); ROHS compliant
ISO 4042	A3S	Zinc	>8	black chromatiert	w/ sealer	Fe//ZnFe8/Fn//T2	w/o Cr(VI); ROHS compliant
ISO 4042	A4A	Zinc	>12	transparent passivation	w/o sealer	Fe//Zn12/An//T0	w/o Cr(VI); ROHS compliant
ISO 4042	J3E	Tin	>8			Fe/Sn8	Conflict Minerals compliant
ISO 4042	R3R	Zinc-Iron	>8	black passivation	w/ sealer	Fe//ZnFe8/Fn//T2	w/o Cr(VI); ROHS compliant