

MFP Film Capacitor

Material Data Sheet

Product Cla	SS	MFP F	ilm Capacitors							
			d) B32686_A							
Date 18/		18/11/2	18/11/2019				r	/FP		
IMDS ID		NA						_ _		
if available										
Version 5.		5.02.1	02.1a (03/2019)							
Product Part	Mataria		Matarial	6	ostance		TMPS**)	CA 6	typical mass of	Treeses
(IMDS: semi component)	Materia (IMDS: Ma		Material (Classification) VDA 231	Sui	Islance		[wt%]	CAS if applicable	material [wt-%]	Traces see 1)
Active Part	Heavy Metal		1C	Sn			6	7440-31-5	3	
	Heavy Metal		1C	Cu			17.5	7440-50-8	9	
	Heavy Metal		1C	Zn			12	7440-66-6	6	
	Light Metal		1B	Al			17.5	7429-90-5	9	
	Thermoplastic		2A	PP			47		24	
Encapsulation								9003-07-0		
	Duromer		2D	- F - 7			49		20	
	Thermoplastic		2A	2A PBT			36.5	26062-94-2	15	
	Flame Retardant		Not available	available N,N Ethyelene- bis(tetrabromophthal		de)	12	32588-76-4	5	
	Inorganic Solid		4A	Sb ₂ O ₃			2.5	1309-64-4	1	
Termination	Heavy Metal		1C	1C Cu			93.7	7440-50-8	7.5	
	Heavy Metal		1C S		n		6.3	7440-31-5	0.5	
sizes w x h x l [mm] 12.0 x 22.0 x 42.0	weight ran 18	ge [g]	[mm] 25	ght ranç	20.0 x 39.5 x 41.	.5 40		Sum in total: 686-A	100	
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0	18 20		[mm]	ght ranç		.5 40 .0 40			100	
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a P	18 20 roduct Cla	ass	[mm] 25 16.0 x 28.5 x 42.0 32	ght rang	20.0 x 39.5 x 41. 20.0 x 39.5 x 42.	5 40 .0 40 .5 60	B32		100	
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a P Contact	18 20 roduct Cla Eduardo F	ass Perosa	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5	ght ranç	20.0 x 39.5 x 41. 20.0 x 39.5 x 42.	5 40 0 40 5 60	B32	686-A		06) Trama
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a P Contact Division	18 20 roduct Cla Eduardo P CAP FILM	ass Perosa I (GTIEP	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5	ght ranç	20.0 x 39.5 x 41. 20.0 x 39.5 x 42.	5 40 .0 40 .5 60 Important re 1) The de	B32 emarks: claration limit i	686-A s 0.1% as defined by	100 IEC 62474 (IEC PAS 619 below a percentage of 0.1	
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pr Contact Division Address	18 20 roduct Cla Eduardo F CAP FILM TDK Elect	ass Perosa I (GTIEP ronics do E	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 3rasil Ltda		20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41.	5 40 0 40 5 60 1) The de are pro- if not o	B32 emarks: claration limit i duct parts, sub therwise regula	686-A s 0.1% as defined by stances etc. that are ted.	IEC 62474 (IEC PAS 619 below a percentage of 0.1	% by weight,
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pr Contact Division Address	18 20 roduct Cla Eduardo F CAP FILM TDK Elect	erosa Perosa I (GTIEP ronics do E Joaquim F	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 2QM) 3rasil Ltda erreira, 624 – Gravata	aí, RS	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41.	5 40 0 40 5 60 1) The de are pro if not o 2) This M forth he	B32 emarks: claration limit i duct parts, sul therwise regula aterial Data Sh erein. We expr	586-A s 0.1% as defined by stances etc. that are ated. eet contains typical 1 essly point out that al	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective prr I values and statements co	by weight, oducts set ontained
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pr Contact Division Address	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo	erosa Perosa I (GTIEP ronics do E Joaquim F	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 3rasil Ltda	aí, RS	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41.	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth he	B32 emarks: claration limit i duct parts, sub therwise regula aterial Data SH erein. We expr are based on o	686-A s 0.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that ai uru best present know	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective pro l values and statements co vedge and cannot be rega	w by weight, oducts set ontained rded as
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pr Contact Division Address	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo	erosa Perosa I (GTIEP ronics do E Joaquim F	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 37asil Ltda erreira, 624 – Gravata mailto: eduardo.pero	aí, RS	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41.	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth he herein binding agreed	B32 emarks: claration limit i duct parts, sut therwise regula aterial Data St erein. We expr are based on o in writing. TDI	686-A s 0.1% as defined by ostances etc. that are ted. ueet contains typical v essly point out that al our best present know binding product spe < ELECTRONICS AC	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective pro l values and statements co viledge and cannot be rega sifications, unless otherwis & AND ITS AFFILIATES HI	% by weight, oducts set ontained rded as e explicitly EREBY
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pr Contact Division Address	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo o Tel: +55 51 3	ass Perosa I (GTIEP4 ronics do B Joaquim F4 484 7337	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 37asil Ltda erreira, 624 – Gravata mailto: eduardo.pero	aí, RS Isa@t	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil	5 40 0 40 5 60 1) The de are pro- if not o 2) This M herein binding agreed EXPRE EXPRE	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ errein. We expra are based on or statements or in writing. TDI SSLY DISCL SSLY DISCL SSS, IMPLIED	50.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that ai ur best present know binding product spe K ELECTRONICS AC NIM ANY REPRESET OR STATUTORY, W	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective pro- l values and statements co values and cannot be rega cifications, unless otherwis AND ITS AFFILIATES HI TATION OR WARRANTY ITT REGARD TO THE SI	% by weight, oducts set ontained rded as we explicitly EREBY Y, WHETHER FATEMENTS
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pr Contact Division Address	18 20 roduct Cla Eduardo P CAP FILM TDK Elect Bernardo o Tel: +55 51 34 declarable	ass Perosa I (GTI EP4 ronics do E Joaquim F4 484 7337	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 20M) Brasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com ed substances acc. G	aí, RS Isa@t	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth he herein binding agreed EXPRE EXPRE AND V	B32 emarks: claration limit i duct parts, suit therwise regula aterial Data Sh grein. We expr are based on G in writing. TDI SSLY DISCL SSL MPLIED ESS. IMPLIED ESS. IMPLIED ESS. IMPLIED ESS. IMPLIED ESS. IMPLIED	50.1% as defined by solarces etc. that are ted. uset contains typical v sssly point out that al bur best present know binding product spe K ELECTRONICS AC AIM ANY REPRESET OR STATUTORY, M AINED HEREIN, INC OR WARRANTY OF	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective prr I values and statements co vledge and cannot be rega cifications, unless otherwis a NDI ITS AFFILIATES H I AND ITS AFFILIATES H I ATTION OR WARRANTY	% by weight, oducts set ontained rded as e explicitly EREBY 7, WHETHER ATEMENTS ED TO ANY
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Price of the constant of	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo Tel: +55 51 34 Jeclarable percentag	Perosa Perosa I (GTIEPer ronics do E Joaquim F- 484 7337 or prohibite pe of substa erein are 1	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com ed substances acc. G ance "ROHS-compatible".	aí, RS sa@t ADSL	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil dk-	5 40 0 40 5 60 1) The de are pro- if not o 2) This M herein binding agreed EXPRE AND V REPRE AND V REPRE AND V REPRE	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ errein. We expra are based on of statements on in writing. TDI SSLY DISCL SSLY DISCL	50.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that al ur best present know binding product spe (ELECTRONICS AG JIM ANY REPRESET OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF le requirements accc	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective prr l values and statements co values and statements co values and statements co values and statements of the values and statements a ND ITS AFFILIATES HI VATION OR WARRANTY ITH REGARD TO THE ST LUDING BUT NOT LIMIT	% by weight, oducts set orded as e explicitly EREBY 7, WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pri Contact Division Address *) others: .(not c **) typical mass Directive 2011/65/	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo . Tel: +55 51 3/ declarable percentag set forth h EU of the E	Ass Perosa I (GTIEP) ronics do B Joaquim Fi 484 7337 or prohibite per of substa erein are uropean Pa	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com ed substances acc. G ance "ROHS-compatible".	aí, RS sa@t ADSL RoHS cil of J	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil dk- .)	5 40 0 40 5 60 1) The de are pro- if not o 2) This M herein binding agreed EXPRE EXPRE EXPRE EXPRE EXPRE FOR A products are cor triction of the use	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data SY errein. We expri- are based on on statements on in writing. TDI SSLY DISCLI SSLY DI	50.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that al ur best present know binding product spe (ELECTRONICS AG JIM ANY REPRESET OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF le requirements accc	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective pro- l values and statements co- videdge and cannot be rega sifications, unless otherwis AND ITS AFFILIATES HI TATION OR WARRANTY ITTA REGARD TO THE ST LUDING BUT NOT LIMITI MERCHANTABILITY OR rding to Art. 4 (substance	% by weight, oducts set orded as e explicitly EREBY 7, WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pri Contact Division Address *) others: .(not c **) typical mass The products s Directive 2011/65/ RoHS - Exemptions; I no exemptions;	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo TDK Elect Bernardo Tel: +55 51 34 declarable percentag set forth h EU of the E tions for t	Perosa Perosa I (GTIEPer ronics do E Joaquim F- 484 7337 or prohibite pe of substa erein are uropean Par he Produc	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com electronics.tdk.com ed substances acc. G ance *RoHS-compatible". tiament and of the Coun et Class / Product ac	Aí, RS sa@t ADSI RoHS ccil of J	200 x 39.5 x 41. 200 x 39.5 x 42. 280 x 42.5 x 41. , Brazil dk- -compatible means that lune 8 th , 2011 on the res ing to Annex III: (☑	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth me binding agreed EXPRE AND V REPRE AND V REPRE AND V REPRE AND V reproducts are con- triction of the use	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ are based on of statements or in writing. TDI SSLY DISCL SSLY DISCL SSLY DISCL SSLY DISCL ESENTATION NY PURPOSE of certain ha:)	50.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that al ur best present know binding product spe (ELECTRONICS AG JIM ANY REPRESET OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF le requirements accc	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective pro- l values and statements co- videdge and cannot be rega sifications, unless otherwis AND ITS AFFILIATES HI TATION OR WARRANTY ITTA REGARD TO THE ST LUDING BUT NOT LIMITI MERCHANTABILITY OR rding to Art. 4 (substance	% by weight, oducts set ontained rded as e explicitly EREBY 7, WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pri Contact Division Address *) others: .(not c **) typical mass The products s Directive 2011/65/ RoHS - Exemptions; □ Exemption 6 (a):	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo TDK Elect Bernardo Tel: +55 51 34 declarable percentag set forth h EU of the E tions for t	Ass Perosa I (GTIEPer ronics do E Joaquim F- 484 7337 or prohibite pe of substa erein are uropean Par he Product alloying elem	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com electronics.tdk.com electronics.tdk.com reitertonics.tdk.com	Adí, RS sa@t ADSL RoHS Icil of J ccord	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil dk- -compatible means that lune 8 th , 2011 on the res ing to Annex III: (☑ and in galvanized steel conta	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth me binding agreed EXPRE AND V REPRE AND V REPRE AND V REPRE AND V reproducts are con- triction of the use	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ are based on of statements or in writing. TDI SSLY DISCL SSLY DISCL SSLY DISCL SSLY DISCL ESENTATION NY PURPOSE of certain ha:)	50.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that al ur best present know binding product spe (ELECTRONICS AG JIM ANY REPRESET OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF le requirements accc	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective pro- l values and statements co- videdge and cannot be rega sifications, unless otherwis AND ITS AFFILIATES HI TATION OR WARRANTY ITTA REGARD TO THE ST LUDING BUT NOT LIMITI MERCHANTABILITY OR rding to Art. 4 (substance	% by weight, oducts set ontained rded as e explicitly EREBY 7, WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pri Contact Division Address *) others: .(not c **) typical mass The products s Directive 2011/65/ RoHS - Exemptions; □ Exemption 6 (a): □ Exemption 6 (b):	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo TEI: +55 51 34 declarable percentag set forth h EU of the E tions for t Lead as an Lead as an	Ass Perosa I (GTIEPer ronics do E Joaquim F- 484 7337 or prohibite pe of substa erein are uropean Par he Product alloying elema	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com electronics.tdk.com ed substances acc. G ance *RoHS-compatible". rliament and of the Coun et Class / Product ac ent in steel for machining pur	Adí, RS sa@t ADSL RoHS Icil of J ccord	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil dk- -compatible means that lune 8 th , 2011 on the res ing to Annex III: (☑ and in galvanized steel conta	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth me binding agreed EXPRE AND V REPRE AND V REPRE AND V REPRE AND V reproducts are con- triction of the use	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ are based on of statements or in writing. TDI SSLY DISCL SSLY DISCL SSLY DISCL SSLY DISCL ESENTATION NY PURPOSE of certain ha:)	50.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that al ur best present know binding product spe (ELECTRONICS AG JIM ANY REPRESET OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF le requirements accc	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective pro- l values and statements co- videdge and cannot be rega sifications, unless otherwis AND ITS AFFILIATES HI TATION OR WARRANTY ITTA REGARD TO THE ST LUDING BUT NOT LIMITI MERCHANTABILITY OR rding to Art. 4 (substance	% by weight, oducts set ontained rded as e explicitly EREBY 7, WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pri Contact Division Address *) others: .(not c **) typical mass The products s Directive 2011/65/ RoHS - Exemptions; □ Exemption 6 (a): □ Exemption 6 (b): □ Exemption 6 (c): □ Exemption 6 (c): □ Exemption 7 (a):	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo . Tel: +55 51 34 declarable percentag set forth h EU of the E tions for t Lead as an Lead as an Copper allo Lead in hig	Ass Perosa I (GTIEPP ronics do E Joaquim F 484 7337 or prohibite ge of substa erein are ' uropean Pal he Product alloying elem alloying elem alloying elem y containing u h melting temp	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 2QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com electronics.tdk.com ed substances acc. G ance *RoHS-compatible". rliament and of the Coun et Class / Product ac ent in steel for machining pur ent in aluminum containing u p to 4 % lead by weight; perature type solder (i.e. lead	aí, RS sa@t ADSL RoHS ccil of J ccord	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil dk: .) -compatible means that lune 8 th , 2011 on the res ing to Annex III: (☑ and in galvanized steel conta % lead by weight; alloys containing 85 % by w	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth me binding agreed EXPRE AND V REPRE AND V REPRE AND V reformance triction of the use valid □ not valid aining up to 0,35 %	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ errein. We expri- are based on or statements or in writing. TDI SSLY DISCL SSLY DISC	686-A s 0.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that ai ur best present know binding product spe C ELECTRONICS AG NIM ANY REPRESE! OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF the requirements accor cardous substances i	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective prr I values and statements co values of the values	 % by weight, boducts set ontained rded as e explicitly EREBY WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of equipment.
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pri Contact Division Address *) others: .(not c **) typical mass The products s Directive 2011/65/ RoHS - Exemptiones; □ Exemption 6 (a): □ Exemption 6 (b): □ Exemption 6 (c): □ Exemption 7 (c)-I:	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo . Tel: +55 51 34 declarable percentag set forth h EU of the E tions for t Lead as an Lead as an Copper allo Lead in hig Electrical a	Ass Perosa I (GTIEPP ronics do E Joaquim F 484 7337 or prohibite perof substa erein are uropean Pa alloying elem alloying elem alloying elem y containing u h melting temp	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 2QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com electronics.tdk.co	ADSI RoHS RoHS rposes - rposes - rposes - rposes - rposes - rooses	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil dk- .) -compatible means that lune 8 th , 2011 on the res ing to Annex III: (☑ and in galvanized steel conta % lead by weight; alloys containing 85 % by w ss or ceramic other than dielo	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth me binding agreed EXPRE AND V REPRE AND V REPRE AND V refort are or products are cor triction of the use valid □ not valid aining up to 0,35 %	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ errein. We expri- are based on or statements or in writing. TDI SSLY DISCL SSLY DISC	686-A s 0.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that ai ur best present know binding product spe C ELECTRONICS AG NIM ANY REPRESE! OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF the requirements accor cardous substances i	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective pro- l values and statements co- videdge and cannot be rega sifications, unless otherwis AND ITS AFFILIATES HI TATION OR WARRANTY ITTA REGARD TO THE ST LUDING BUT NOT LIMITI MERCHANTABILITY OR rding to Art. 4 (substance	 % by weight, boducts set ontained rded as e explicitly EREBY WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of equipment.
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pri Contact Division Address *) others: .(not c **) typical mass The products s Directive 2011/65/ RoHS - Exemptions; □ Exemption 6 (a): □ Exemption 6 (b): □ Exemption 6 (c): □ Exemption 7 (c)-II: □ Exemption 7 (c)-II: □ Exemption 7 (c)-II:	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo . Tel: +55 51 34 declarable percentag set forth h EU of the E tions for t Lead as an Lead as an Copper allo Lead in hig Electrical a : Lead in diel	Ass Perosa I (GTI EPI ronics do E Joaquim F- 484 7337 or prohibite perof substa erein are ' uropean Pal he Product alloying elema alloying elema	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 2QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com electronics.tdk.com ed substances acc. G ance *RoHS-compatible*. rliament and of the Coun et Class / Product ac ent in steel for machining pur ent in aluminum containing up to 4 % lead by weight; perature type solder (i.e. lead components containing lead i in capacitors for a rated volt	Adf, RS sa@t ADSL RoHS cciof of J rposes : p to 0,4 I-based in a glas	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil dk-) -compatible means that lune 8 th , 2011 on the res ing to Annex III: (☑ and in galvanized steel conta % lead by weight; alloys containing 85 % by w ss or ceramic other than diel 125 V AC or 250 V DC or hig	5 40 0 40 5 60 1) The de are pro- if not o 2) This M forth me expresent EXPRE EXPRE EXPRE EXPRE EXPRE FOR A products are cor striction of the use (valid □ not valid aining up to 0,35 % veight or more lead) lectric ceramic in ca gher;	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ errein. We expri- are based on or statements or in writing. TDI SSLY DISCL SSLY DISC	686-A s 0.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that ai ur best present know binding product spe C ELECTRONICS AG NIM ANY REPRESE! OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF the requirements accor cardous substances i	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective prr I values and statements co values of the values	 % by weight, boducts set ontained rded as e explicitly EREBY WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of equipment.
12.0 x 22.0 x 42.0 14.0 x 25.0 x 42.0 Not Part of a Pri Contact Division Address *) others: .(not c **) typical mass The products s Directive 2011/65/ RoHS - Exemptions; Exemption 6 (a): Exemption 6 (b): Exemption 6 (c): Exemption 6 (c): Exemption 7 (c)-II: Exemption 7 (c)-II: Contact of the product of	18 20 roduct Cla Eduardo F CAP FILM TDK Elect Bernardo . Tel: +55 51 34 declarable percentag set forth h EU of the E tions for t Lead as an Lead as an Coper allo Lead in hig Electrical a : Lead in diel	Ass Perosa Perosa I (GTI EPI ronics do E Joaquim F- 484 7337 or prohibite perof substa erein are uropean Pai he Product alloying elema alloying elema alloying elema uropean Pai he Product erein are uropean Pai he Product alloying elema alloying elem	[mm] 25 16.0 x 28.5 x 42.0 32 18.0 x 32.5 x 41.5 2QM) 3rasil Ltda erreira, 624 – Gravata maito: eduardo.pero electronics.tdk.com electronics.tdk.co	ADSI RoHS RoHS cciord rposes - rposes - rposes - rposes - rooses -	20.0 x 39.5 x 41. 20.0 x 39.5 x 42. 28.0 x 42.5 x 41. , Brazil dk- , Brazil dk- and in galvanized steel conta % lead by weight; alloys containing 85 % by w ss or ceramic other than diel 125 V AC or 250 V DC or hig less than 125 V AC or 250 V	5 40 0 40 5 60 Important rr 1) The de are pro- if not o 2) This M forth herein binding agreed EXPRE AND V REPRE AND V REPRE AND V refort are cor triction of the use valid □ not valid aining up to 0,35 % weight or more lead) lectric ceramic in ca gher; / DC;	B32 emarks: claration limit i duct parts, sub therwise regula taterial Data S ¹ are based on o statements ou in writing. TDI SSLY DISCL ESS, IMPLIED ALUES CONT SSENTATION NY PURPOSE npatible with th e of certain ha:) lead by weight; pacitors, e.g. pie	686-A s 0.1% as defined by stances etc. that are ated. leet contains typical 1 essly point out that ai ur best present know binding product spe C ELECTRONICS AG NIM ANY REPRESE! OR STATUTORY, W AINED HEREIN, INC OR WARRANTY OF the requirements accor cardous substances i	IEC 62474 (IEC PAS 619 below a percentage of 0.1 values of the respective prr I values and statements co values of the values	 % by weight, boducts set ontained rded as e explicitly EREBY WHETHER ATEMENTS ED TO ANY SUITABILITY restrictions) of equipment.