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ZPMV2.E43620
Wiring, Printed - Component

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Wiring, Printed - Component

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TTM TECHNOLOGIES E43620
234 CASHMAN DR
CHIPPEWA FALLS, WI 54729 USA

	Cond Width				Max			Max			
		Min	Cond		Area	Solder		Oper		Meets	C
	Min	Edge	Thk	SS/	Diam	Limits		Temp	Flame	UL796	T
Type	mm(in)	mm(in)	mic(mil)	DS	mm(in)	C	sec	C	Class	DSR	I
Multilayer printed wiring boards.											
M1-0 (b)	0.05 (0.002)	0.05 (0.002)	17.8 (0.70) Int:102	DS	101.6 (4.0)	260	20	120	V-0	▲	-
M11-0	0.1 (0.004)	0.3 (0.012)	17.8 (0.70) Int:101	DS	25.4 (1.0)	288	20	105	V-0	▲	-
M13-0	0.08 (0.003)	0.23 (0.009)	17.8 (0.70) Int:101	DS	25.4 (1.0)	288	20	130	V-0	-	-
M15-0	0.08 (0.003)	0.13 (0.005)	17.8 (0.70) Int:101	DS	25.4 (1.0)	288	20	130	V-0	-	-

M18-0	0.05 (0.002)	0.05 (0.002)	12.2 (0.48) Int:68	DS	25.4 (1.0)	288	20	130	V-0	-	-
M19-0 (c)	0.05 (0.002)	0.05 (0.002)	12.2 (0.48) Int:68	DS	101.6 (4.0)	288	20	105	V-0	-	-
M2-0	0.13 (0.005)	0.13 (0.005)	-	DS	127 (5.0)	260	10	130	V-0	▲	-
M20-0	0.05 (0.002)	0.05 (0.002)	12.2 (0.48) Int:68	DS	50.8 (2.0)	288	20	130	V-0	-	-
M21-0 (d)	0.15 (0.006)	0.15 (0.006)	30.5 (1.20) Int:101	DS	101.6 (4.0)	288	20	115	V-0	-	-
M22-1 (e)	0.18 (0.007)	0.18 (0.007)	17.8 (0.70) Int:101	DS	101.6 (4.0)	288	20	170	V-1	▲	-
M23-0 (c)	0.05 (0.002)	0.05 (0.002)	17.8 (0.70) Int:101	DS	101.6 (4.0)	288	20	100	V-0	-	-
M25-0+(c), M25A-0+(f), M25B-0+(b), M25C-0+(h)											
	0.05 (0.002)	0.05 (0.002)	7.6 (0.30) Int:101	DS	101.6 (4.0)	288	20	115	V-0	▲	-
M25-1+(c), M25B-1+(g)											
	0.05 (0.002)	0.05 (0.002)	7.6 (0.30) Int:101	DS	101.6 (4.0)	288	20	115	V-1	▲	-
M25C-1	0.05 (0.002)	0.05 (0.002)	7.6 (0.30) Int:101	DS	101.6 (4.0)	288	20	130	V-1	▲	-
M26-0 (c)	0.05 (0.002)	0.05 (0.002)	17.8 (0.70) Int:101	DS	101.6 (4.0)	288	20	115	V-0	-	-
M28-0 (i), M28A-0 (b)											
	0.05 (0.002)	0.05 (0.002)	12.7 (0.50) Int:101	DS	101.6 (4.0)	260	20	120	V-0	▲	-
M29-0	0.07 (0.003)	0.07 (0.003)	12.7 (0.50) Int:142	DS	101.6 (4.0)	288	20	130	V-0	All	-
M3-1	0.13 (0.005)	0.13 (0.005)	34 (1.34) Int:102	DS	25.4 (1.0)	260	10	120	V-1	-	-
M30-0	0.05 (0.002)	0.05 (0.002)	12.7 (0.50) Int:142	DS	101.6 (4.0)	288	20	130	V-0	All	-
M31-0	0.05 (0.002)	0.05 (0.002)	12.7 (0.50) Int:142	DS	101.6 (4.0)	288	20	130	V-0	All	-

M32-0	0.05 (0.002)	0.12 (0.005)	12 (0.47) Int:142	DS	38.1 (1.5)	288	20	130	V-0	All	-
M33-0	0.06 (0.002)	0.06 (0.002)	12.7 (0.50) Int:142	DS	101.6 (4.0)	288	20	130	V-0	All	-
M34-1	0.053 (0.002)	0.053 (0.002)	10 (0.39) Int:142	DS	101.6 (4.0)	288	20	130	V-1	All	-
M35-0	0.058 (0.002)	0.058 (0.002)	12 (0.47) Int:68	DS	101.6 (4.0)	288	20	130	V-0	-	-
M35-1	0.058 (0.002)	0.058 (0.002)	12 (0.47) Int:68	DS	101.6 (4.0)	288	20	130	V-1	-	-
M36-0	0.05 (0.002)	0.05 (0.002)	12 (0.47) Int:102	DS	101.6 (4.0)	288	20	140	V-0	▲	-
M36-1	0.055 (0.002)	0.055 (0.002)	12 (0.47) Int:101	DS	101.6 (4.0)	288	20	140	V-1	▲	-
M37-0	0.063 (0.002)	0.063 (0.002)	12.7 (0.50) Int:142	DS	101.6 (4.0)	288	20	130	V-0	All	-
M38-0	0.076 (0.003)	0.076 (0.003)	17 (0.67) Int:136	DS	101.6 (4.0)	260	10	130	V-0	All	-
M39-0	0.05 (0.002)	0.05 (0.002)	12.7 (0.50) Int:142	DS	101.6 (4.0)	288	20	130	V-0	-	-
M41-0	0.033 (0.001)	0.041 (0.002)	12.7 (0.50) Int:142	DS	101.6 (4.0)	288	20	50	V-0	-	-
M42-0	.055 (0.002)	.055 (0.002)	12.7 (0.50) Int:142	DS	12.7 (0.5)	288	20	130	V-0	All	-
M43-0	0.05 (0.002)	0.05 (0.002)	12.7 (0.50) Int:68	DS	38 (1.5)	288	20	130	V-0	All	3
M44-0	0.05 (0.002)	0.05 (0.002)	12.7 (0.50) Int:142	DS	101.6 (4.0)	260	15	130	V-0	-	-
						23	300				
						260	15				
						23	300				
						260	15				
						23	300				

						260	15				
						23	300				
						260	15				
						23	300				
						260	15				
M45-0	0.05 (0.002)	0.05 (0.002)	12 (0.47) Int:120	DS	101.6 (4.0)	260	15	130	V-0	All	3
						23	300				
						260	15				
						23	300				
						260	15				
						23	300				
						260	15				
						23	300				
						260	15				
						23	300				
						260	15				
M46-0	0.05 (0.002)	0.15 (0.006)	13 (0.51) Int:142	DS	101.6 (4.0)	245	15	130	V-0	All	-
						23	300				
						245	15				
						23	300				
						245	15				
						23	300				
						245	15				
						23	300				
						245	15				
						23	300				
						245	15				

M46-1	0.05 (0.002)	0.15 (0.006)	13 (0.51) Int:142	DS	101.6 (4.0)	245	15	130	V-1	All	-
						23	300				
						245	15				
						23	300				
						245	15				
						23	300				
						245	15				
						23	300				
						245	15				
						23	300				
						245	15				
M47-0	0.05 (0.002)	0.15 (0.006)	13 (0.51) Int:142	DS	101.6 (4.0)	265	15	130	V-0	All	-
						23	300				
						265	15				
						23	300				
						265	15				
						23	300				
						265	15				
						23	300				
						265	15				
						23	300				
						265	15				
M47-1	0.05 (0.002)	0.15 (0.006)	13 (0.51) Int:142	DS	101.6 (4.0)	265	15	130	V-1	All	-
						23	300				
						265	15				
						23	300				

						265	15				
						23	300				
						265	15				
						23	300				
						265	15				
						23	300				
						265	15				
M48-0	0.076 (0.003)	0.076 (0.003)	13 (0.51) Int:142	DS	101.6 (4.0)	260	15	130	V-0	All	3
						260	15				
						260	15				
						260	15				
						260	15				
						260	15				
M49-0	0.05 (0.002)	0.05 (0.002)	12.9 (0.51) Int:104	DS	101.6 (4.0)	265	15	130	V-0	All	-
						265	15				
						265	15				
						265	15				
						265	15				
						265	15				
M50-0	.076 (0.003)	.076 (0.003)	10.16 (0.40) Int:71.12	SS	101.6 (4.0)	265	15	130	V-0	All	-
						265	15				
						265	15				
						265	15				
						265	15				
						265	15				
M8-0	0.05 (0.002)	0.08 (0.003)	35.6 (1.40)	DS	127 (5.0)	260	10	105	V-0	▲	-

(b)			Int:101								
M9-0 (c)	0.05 (0.002)	0.15 (0.006)	17.8 (0.70) Int:101	DS	101.6 (4.0)	288	20	130	V-0	▲	-
Multilayer printed wiring boards, flammability only Recognition.											
(a)	-	-	-	-	-	288	20	-	V-0	-	-
(a)A	-	-	-	-	-	288	20	-	V-1	-	-
(a)B	-	-	-	-	-	260	20	-	V-0	-	-
(a)C	-	-	-	-	-	260	10	-	V-0	-	-
(a)D	-	-	-	-	-	260	10	-	V-1	-	-
Single layer printed wiring boards, flammability only Recognition.											
DS	-	-	-	-	-	288	20	-	V-0	-	-

(a) - Flame rating followed by logo.

(b) - SILVER CONDUCTOR LIMITATIONS: When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.1mm, Maximum Voltage Withstood Between Silver Conductors is 100 V dc, or at 0.25mm = 250 Vdc.

(c) - SILVER CONDUCTOR LIMITATIONS: When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.12mm, Maximum Voltage Withstood Between Silver Conductors is 100 V dc.

(d) - SILVER CONDUCTOR LIMITATIONS: When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.1mm, Maximum Voltage Withstood Between Silver Conductors is 100 V dc, or at 0.3mm = 250 Vdc.

(e) - SILVER CONDUCTOR LIMITATIONS: When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.07mm, Maximum Voltage Withstood Between Silver Conductors is 100 V dc, or at 0.25mm = 350 Vdc.

(f) - SILVER CONDUCTOR LIMITATIONS: When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.07mm, Maximum Voltage Withstood Between Silver Conductors is 100 V dc. When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.25MM, Maximum Voltage Withstood Between Silver Conductors is 250 V dc.

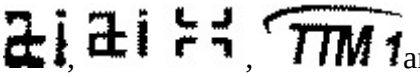
(g) - SILVER CONDUCTOR LIMITATIONS: When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.25mm, Maximum Voltage Withstood Between Silver Conductors is 250 V dc.

(h) - SILVER CONDUCTOR LIMITATIONS: When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.1mm, Maximum Voltage Withstood Between Silver Conductors is 100 V dc, or at 0.15mm = 250 Vdc.

(i) - SILVER CONDUCTOR LIMITATIONS: When Min. Spacing Between Adjacent Silver Conductors of Different Potential is 0.07mm, Maximum Voltage Withstood Between Silver Conductors is 100 V dc, or at 0.1mm = 250 Vdc.

+ - May be preconditioned at 225 F max for 4 hrs max prior to solder shock.

NOTE - Silver may be used in low voltage limited energy applications only. Type designation may include code II, VIII or X.

Marking: Company name or trademark  , and type designation. May be followed by a suffix to denote factory identification.

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