



# ZPMV8.E143060 - Wiring, Printed Certified for Canada - Component

## Wiring, Printed Certified for Canada - Component

KSG GmbH

E143060

AUERBACHER STR 3-5

GORNSDORF, 09390 Germany






Type	Cond Width		Max				Max			Assembly			Meets C	T
	Min	Cond	SS/	Area	Solder	Solder		Oper	Process		UL796			
	Min	Edge	Thk	DS/	Diam	Limits	(IPC)	Temp	Flame	DSR				
	mm(in)	mm(in)	mic (mil)	DSO	mm (in)	°C sec	°C Cycles	°C	Class	I				
<b>Multilayer printed wiring boards</b>														
<b>4L</b>	0.04 (0.002)	0.06 (0.002)	9 (0.35)	DS	50.8 (2)	288	20	-	-	130	V-1	All	*	
<b>4M</b>	0.04 (0.002)	0.06 (0.002)	9 (0.35)	DS	50.8 (2)	288	20	-	-	130	V-0	All	*	
<b>H2 @</b>	0.039 (0.002)	0.117 (0.005)	64 (2.52)	DS	25.4 (1)	288	10	-	-	130	V-0	All	3	
<b>M2</b>	0.064 (0.003)	0.10 (0.004)	9 (0.35)	DS	50.0 (2)	288	20	-	-	130	V-0	All	*	
<b>M4</b>	0.064 (0.003)	0.10 (0.004)	9 (0.35)	DS	127.0 (5)	288	20	-	-	130	V-0	All	3	
<b>M6</b>	0.04 (0.002)	0.06 (0.002)	5 (0.2)	DS	50.8 (2)	-	-	260	6	130	V-0	All	3	
<b>M8</b>	0.075 (0.003)	0.10 (0.004)	17 (0.67)	DS	50.0 (2)	288	20	-	-	130	V-0	All	*	
<b>ML</b>	0.064 (0.003)	0.19 (0.007)	18 (0.71)	DS	90.2 (3.6)	270	8	-	-	125	V-0	All	*	
<b>ML1</b>	0.064 (0.003)	0.10 (0.004)	9 (0.35)	DS	127.0 (5)	288	20	-	-	125	V-0	All	*	
<b>ML2</b>	1.100 (0.043)	1.500 (0.059)	30 (1.18)	DS	89.9 (3.5)	255	8	-	-	125	V-0	All	*	

<b>ML3</b>	1.350 (0.053)	1.700 (0.067)	30 (1.18)	DS	90 (3.5)	230	3	-	-	130	V-0	All	*
<b>ML4</b>	0.064 (0.003)	0.100 (0.004)	9 (0.35)	DS	127.0 (5)	288	20	-	-	130	V-0	All	3
<b>ML5</b>	0.064 (0.003)	0.10 (0.004)	9 (0.35)	DS	127.0 (5)	288	20	-	-	130	V-0	All	*
<b>ML6</b>	0.064 (0.003)	0.190 (0.007)	18 (0.71)	DS	90.2 (3.6)	270	8	-	-	130	V-0	All	*
<b>ML7</b>	0.064 (0.003)	0.190 (0.007)	18 (0.71)	DS	13.8 (0.5)	270	8	-	-	130	V-0	All	3
<b>Multilayer rigid flex composite printed wiring boards, flammability only Recognition</b>													
<b>SF1</b>	-	-	-	DS	-	270	10	-	-	-	V-0	-	-
<b>SF1&lt;</b>	-	-	-	DS	-	270	10	-	-	-	V-1	-	-
<b>SF2</b>	-	-	-	DS	-	270	10	-	-	-	V-0	-	-
<b>SF2&lt;</b>	-	-	-	DS	-	270	10	-	-	-	V-0	-	-
<b>SF7</b>	-	-	-	DS	-	270	10	-	-	-	V-0	-	-
<b>SF7&lt;</b>	-	-	-	DS	-	270	10	-	-	-	V-1	-	-
<b>Multilayer Rigid Flex Composite, Flexible Materials Interconnect Constructions intended for use in flexible-rigid applications - Flammability Only Recognition.</b>													
<b>ML-FR1</b>	-	-	-	DS	-	288	10	-	-	-	V-0	-	-
<b>Multilayer Rigid Flex Composite, Flexible Materials Interconnect Constructions intended for use in flexible-rigid applications.</b>													
<b>ML-FR (a)</b>	0.07 (0.003)	0.07 (0.003)	17 (0.67)	DS	60 (2.4)	288	10	-	-	105	V-0	-	4
<b>ML-FR (Note 1)</b>	0.07 (0.003)	0.07 (0.003)	17 (0.67)	DS	60 (2.4)	288	10	-	-	105	V-0	-	4
<b>ML-FR (b)</b>	0.07 (0.003)	0.09 (0.004)	17 (0.67)	DS	60 (2.4)	288	10	-	-	105	V-0	-	-
<b>ML-FR (b) (Note 1)</b>	0.07 (0.003)	0.09 (0.004)	17 (0.67)	DS	60 (2.4)	288	10	-	-	105	V-0	-	-
<b>ML-FR2</b>	0.08 (0.003)	0.24 (0.009)	35 (1.38)	SS	60 (2.4)	288	10	-	-	130	V-0	-	2
<b>SF (Note 1)</b>	0.09 (0.004)	0.09 (0.004)	17 (0.67)	DS	60 (2.4)	288	20	-	-	130	V-0	All	3

<b>SF1 (a)</b>	0.09 (0.004)	0.09 (0.004)	17 (0.67)	DS	60.0 (2.4)	288	20	-	-	130	V-0	All	3
<b>Single layer flexible printed wiring boards</b>													
<b>FL</b>	0.1 (0.004)	0.3 (0.012)	17.5 (0.69)	DS	61 (2.4)	250	30	-	-	105	V-0	-	-
<b>Single Layer flexible printed wiring boards, flammability only Recognition</b>													
<b>FL1</b>	-	-	-	DS	-	250	30	-	-	-	V-0	-	-
<b>Single layer printed wiring boards</b>													
<b>5G</b>	0.04 (0.002)	0.06 (0.002)	9 (0.35)	DS	50.8 (2)	288	20	-	-	130	V-1	All	*
<b>5H</b>	0.04 (0.002)	0.06 (0.002)	9 (0.35)	DS	50.8 (2)	288	20	-	-	130	V-0	All	*
<b>D1</b>	0.064 (0.003)	0.10 (0.004)	9 (0.35)	DS	127.0 (5)	288	20	-	-	125	V-0	All	*
<b>D2</b>	0.064 (0.003)	0.100 (0.004)	9 (0.35)	DS	50.0 (2)	288	20	-	-	130	V-0	All	*
<b>D4</b>	0.064 (0.003)	0.100 (0.004)	9 (0.35)	DS	127.0 (5)	288	20	-	-	130	V-0	All	3
<b>D5</b>	0.064 (0.003)	0.10 (0.004)	9 (0.35)	DS	127.0 (5)	288	20	-	-	130	V-0	All	*
<b>DKL, EEL</b>	0.064 (0.003)	0.19 (0.007)	18 (0.71)	DS	90.2 (3.6)	270	8	-	-	125	V-0	All	*
<b>DKL2</b>	0.18 (0.007)	0.53 (0.021)	18.3 (0.72)	DS	25.4 (1)	255	8	-	-	120	V-0	All	*
<b>DKL3</b>	0.083 (0.003)	0.25 (0.01)	18.3 (0.72)	DS	90.1 (3.5)	270	8	-	-	100	V-1	All	0
<b>DKL4</b>	0.064 (0.003)	0.10 (0.004)	9 (0.35)	DS	127.0 (5)	288	20	-	-	130	V-0	All	3
<b>DKL6</b>	0.064 (0.003)	0.19 (0.007)	18 (0.71)	DS	90.2 (3.6)	270	8	-	-	130	V-0	All	*
<b>S6</b>	0.04 (0.002)	0.06 (0.002)	5 (0.2)	DS	50.8 (2)	-	-	260	6	130	V-0	All	3
<b>TF1</b>	0.125 (0.005)	0.190 (0.007)	18 (0.71)	DS	89.9 (3.5)	288	10	-	-	150	V-0	All	0
<b>TF2</b>	0.125 (0.005)	0.190 (0.007)	18 (0.71)	DS	90.1 (3.5)	288	10	-	-	105	V-0	▲	0
<b>TF3</b>	0.16 (0.006)	0.22 (0.009)	18 (0.71)	DS	89.9 (3.5)	288	10	-	-	130	V-0	All	0

\* - CTI marking is optional and may be marked on the printed wiring board.

a - The copper thickness values shown above are for the rigid section. For the flexible section, both internal and external copper are 35 mic only.

Marking: Company name or tradename "K", "KSG" or trademark  ,  ,  ,  , type designation and the Recognized Component Mark for Canada,  . May be followed by a suffix to denote factory identification or burning test classification.

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