

# ZPMV2.E504306 - Wiring, Printed - Component

## Wiring, Printed - Component

**SHENZHEN EIKEI ELECTRONIC CO LTD**

Room A406?A507, ZhengTaiLai Chuangke Centre  
Yintian Road , Bao'an District  
Shenzhen, Guangdong 518102 China

E504306

Type	Cond Width		Max Report					Assembly		Max			Meets UL796	Class	DSR
	Min	Edge	Cond Thk	SS/ DS	Area Diam	date After	Surface Mount	Solder Process	Solder Process	Solder Limits	Oper Temp	Flame			
	mm	mm	mic	DSO	mm	2022-01-01	Technology	Temp °C	Cycles	°C	sec	°C			
<b>Multilayer printed wiring boards</b>															
<b>AKD300</b>	0.075	0.21	12 Int:70	DS	50.8	No	-	-	-	288	20	130	V-0	All	
<b>AKD326</b>	0.075	0.21	12 Int:105	DS	50.8	No	-	-	-	288	20	130	V-0	All	
<b>AKD327</b>	0.075	0.21	12 Int:105	DS	50.8	No	-	-	-	288	20	130	V-0	All	
<b>AKM1</b>	0.075	0.08	12 Int:102	DS	76.2	No	-	-	-	288	20	130	V-0	All	
<b>AKM2</b>	0.05	0.05	12 Int:68	DS	76.2	No	-	-	-	288	20	130	V-0	All	
<b>AKM3(ASP1)</b>	0.075	0.08	12 Int:102	DS	76.2	Yes	Yes	260	3	288	20	130	V-0	All	
<b>AKM450</b>	0.1	0.15	17 Int:68	DS	76.2	No	-	-	-	288	20	130	V-0	All	
<b>AKM451</b>	0.075	0.225	12 Int:102	DS	76.2	No	-	-	-	288	20	130	V-0	All	
<b>AKM452</b>	0.4	0.52	17 Int:408	DS	25.4	No	-	-	-	288	20	130	V-0	All	
<b>AKM453</b>	0.2	0.2	17 Int:68	DS	76.2	No	-	-	-	288	20	105	V-0	All	
<b>AKM454</b>	0.2	0.2	17 Int:68	DS	76.2	No	-	-	-	288	20	130	V-0	All	
<b>AKM455</b>	0.075	0.075	17 Int:68	DS	50.8	No	-	-	-	288	20	130	V-0	All	
<b>AKM650</b>	0.075	0.1	17 Int:68	DS	50.8	No	-	-	-	288	10	130	V-0	All	

Feedback

<b>AKM651</b>	0.075	0.1	17 Int:68	DS	50.8	No	-	-	-	288	10	130	V-0	All
<b>AKM652</b>	0.075	0.1	12 Int:136	DS	50.8	No	-	-	-	288	20	130	V-0	All
<b>AKM750</b>	0.10	0.23	12 Int:102	DS	50.8	No	-	-	-	288	20	130	V-0	All
<b>AKM751</b>	0.075	0.23	17 Int:35	DS	25.4	No	-	-	-	288	20	130	V-0	All
<b>AKM752</b>	0.075	0.23	17 Int:102	DS	50.8	No	-	-	-	288	20	130	V-0	All
<b>AKM753</b>	0.098	0.23	17 Int:102	DS	50.8	No	-	-	-	288	20	130	V-0	All
<b>AKM754</b>	0.075	0.20	17 Int:105	DS	25.4	No	-	-	-	145	25	130	V-0	All
										-	-	155	25	
										-	-	165	20	
										-	-	175	20	
										-	-	185	10	
										-	-	195	10	
										-	-	205	10	
										-	-	215	10	
										-	-	225	20	
										-	-	235	20	
										-	-	245	20	
										-	-	265	20	
<b>AKM755@</b>	0.1	0.23	17 Int:204	DS	25.4	No	-	-	-	288	20	130	V-0	All
<b>AKM756</b>	0.075	0.15	17 Int:68	DS	25.4	No	-	-	-	288	30	90	V-0	All
<b>Multilayer printed wiring boards made from prefabricated type (mass laminate) industrial laminates</b>														
<b>AKD309</b>	0.1	0.3	17	DS	25.4	No	-	-	-	288	20	130	V-0	All
<b>AKD324</b>	0.1	0.3	17	DS	25.4	No	-	-	-	288	20	130	V-0	All
<b>Single Layer Metal Base Printed Wiring Board, employing metal base laminate.</b>														
<b>AKD320</b>	0.15	0.15	34	SS	88.9	No	-	-	-	288	10	150	V-0	All
<b>AKD321</b>	0.15	0.15	34	SS	88.9	No	-	-	-	288	10	150	V-0	-
<b>AKD322</b>	0.15	0.15	34	SS	88.9	No	-	-	-	288	10	130	V-0	All
<b>AKD323</b>	0.15	0.39	17	SS	88.9	No	-	-	-	288	20	130	V-0	All

Feedback

**Single layer printed wiring boards**

<b>AKD1</b>	0.075	0.1	17	DS	50.8	No	-	-	-	288	10	130	V-0	All
<b>AKD2</b>	0.075	0.1	17	DS	76.2	No	-	-	-	288	20	130	V-0	All
<b>AKD3</b>	0.075	0.1	17	DS	50.8	No	-	-	-	288	10	130	V-0	All
<b>AKD301</b>	0.1	0.3	17	DS	76.2	No	-	-	-	288	10	130	V-0	All
<b>AKD302</b>	0.1	0.3	17	DS	38.1	No	-	-	-	260	5	130	V-0	All
<b>AKD303</b>	0.1	0.3	17	DS	50.8	No	-	-	-	288	10	130	V-0	All
<b>AKD304</b>	0.1	0.3	17	DS	25.4	No	-	-	-	260	5	130	V-0	All
<b>AKD305</b>	0.1	0.3	17	DS	25.4	No	-	-	-	288	10	130	V-0	All
<b>AKD306</b>	0.1	0.3	17	DS	76.2	No	-	-	-	288	10	130	V-0	All
<b>AKD307</b>	0.1	0.1	17	DS	76.2	No	-	-	-	288	20	130	V-0	All
<b>AKD308</b>	0.1	0.3	34	SS	19.1	No	-	-	-	260	5	130	HB	All
<b>AKD310</b>	0.13	0.39	17	DS	50.8	No	-	-	-	288	10	120	V-0	All
<b>AKD311</b>	0.12	0.33	17	DS	50.8	No	-	-	-	288	10	120	V-1	All
<b>AKD312</b>	0.12	0.3	34	SS	19.1	No	-	-	-	288	10	130	V-0	All
<b>AKD313</b>	0.1	0.3	17	DS	50.8	No	-	-	-	288	10	130	V-0	All
<b>AKD314</b>	0.1	0.3	17	DS	50.8	No	-	-	-	288	10	130	V-0	All
<b>AKD315</b>	0.1	0.3	17	DS	25.4	No	-	-	-	288	10	130	V-0	All
<b>AKD316</b>	0.1	0.3	17	DS	76.2	No	-	-	-	288	10	130	V-0	All
<b>AKD317</b>	0.1	0.3	17	DS	76.2	No	-	-	-	288	10	130	V-0	All
<b>AKD318</b>	0.1	0.1	17	DS	76.2	No	-	-	-	288	20	130	V-0	All
<b>AKD319</b>	0.12	0.27	34	DS	50.8	No	-	-	-	288	20	90	V-0	All
<b>AKD4</b>	0.075	0.1	17	DS	76.2	No	-	-	-	288	20	130	V-0	All
<b>AKD400</b>	0.1	0.15	17	DS	76.2	No	-	-	-	288	20	130	V-0	All
<b>AKD401</b>	0.075	0.225	12	DS	76.2	No	-	-	-	288	20	130	V-0	All
<b>AKD402</b>	0.075	0.225	12	DS	76.2	No	-	-	-	288	20	130	V-0	All
<b>AKD403</b>	0.07	0.12	17	DS	25.4	No	-	-	-	288	20	130	V-0	All
<b>AKD406</b>	0.25	0.75	34	DS	76.2	No	-	-	-	270	20	105	V-0	-
<b>AKD600</b>	0.08	0.08	17	DS	58	No	-	-	-	288	10	130	V-0	All
<b>AKD601</b>	0.075	0.1	17	DS	50.8	No	-	-	-	288	10	130	V-0	All
<b>AKD602</b>	0.075	0.1	17	DS	50.8	No	-	-	-	288	10	130	V-0	All
<b>AKD603</b>	0.075	0.1	12	DS	50.8	No	-	-	-	288	20	130	V-0	All

Feedback

<b>AKD700</b>	0.10	0.23	12	DS	50.8	No	-	-	-	288	20	130	V-0	All
---------------	------	------	----	----	------	----	---	---	---	-----	----	-----	-----	-----

<b>AKD701</b>	0.075	0.2	17	DS	25.4	No	-	-	-	288	20	130	V-0	All
<b>AKD702</b>	0.075	0.2	17	DS	25.4	No	-	-	-	288	20	130	V-0	▲
<b>AKD703</b>	0.075	0.20	17	DS	25.4	No	-	-	-	288	20	130	V-0	All
<b>AKD704</b>	0.075	0.20	17	DS	25.4	No	-	-	-	145	25	130	V-0	All
										155	25			
										165	20			
										175	20			
										185	10			
										195	10			
										205	10			
										215	10			
										225	20			
										235	20			
										245	20			
										265	20			
<b>AKD705@</b>	0.1	0.23	17	DS	25.4	No	-	-	-	288	20	130	V-0	All
										-	-			
										-	-			
										-	-			
										-	-			
										-	-			
										-	-			
										-	-			
										-	-			
<b>AKD706</b>	0.075	0.20	17	DS	25.4	No	-	-	-	260	20	130	V-0	All
<b>AKS1</b>	0.15	0.15	17	SS	50.8	No	-	-	-	280	10	130	V-0	All
<b>Single layer printed wiring boards, flammability only Recognition</b>														
<b>AKD404</b>	-	-	-	DS	-	No	-	-	-	288	20	-	V-0	-
<b>AKD405</b>	-	-	-	DS	-	No	-	-	-	271	20	-	V-1	-
<b>AKD407</b>	-	-	-	DS	-	No	-	-	-	288	20	-	V-0	-

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

@ - The min conductor width is 0.25mm and min edge conductor width is 0.35mm when the external copper weight is from 103mic to 229mic.

ASP1 - Assembly Solder process evaluated to IPC-TM-650, 2.6.27 Thermal Stress Assembly Simulation

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

Last Updated on 2023-04-20

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."