

ZENER DIODES

9097250 TOSHIBA (DISCRETE/OPTO)

39C 02221

T-11-13
T-11-17

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ZENER DIODES

Vz Typical Value	250mW Type	0.5W Type	1W Type (Plastic Mold Type)	1W Type (Metal Type)	5W Type	10W Type	Models Approved by the Japanese Defense Agency (the Maritime Self-Defense Force staffs)		
							250mW Type	1W Type	10W Type
2.0~4.8	02BZ2.2 02BZ2.7 02BZ3.3 02BZ3.9 02BZ4.7	*05Z2.0 *05Z2.2 *05Z2.4 *05Z2.7 *05Z3.0 *05Z3.3 *05Z3.6 *05Z3.9 *05Z4.3 *05Z4.7		1S220 (4.5V)		1S262 (4.5V)	02Z2.0RA-M 02Z2.2RA-M 02Z2.4RA-M 02Z2.7RA-M 02Z2.0RA-M 02Z2.3RA-M 02Z2.6RA-M 02Z2.9RA-M 02Z2.3RA-M 02Z2.7RA-M		
4.8~5.8	02Z5.1A 02Z5.6A	05Z5.1L·U 05Z5.6L·U		1S221		1S263	02Z5.1RA-M 02Z5.6A-M		
5.8~7.0	02Z6.2A 02Z6.8A 1S2452~1S2454*	05Z6.2L·U 05Z6.8L·U	1Z6.2 1Z6.8	1S222		1S264	02Z6.2A-M 02Z6.8A-M	1Z6.8-M	10Z6.8-M
7.0~8.4	02Z7.5A 02Z8.2A	05Z7.5L·U 05Z8.2L·U	1Z7.5 1Z8.2	1S223		1S265	02Z7.5A-M 02Z8.2A-M	1Z7.5-M 1Z8.2-M	10Z7.5-M 10Z8.2-M
8.4~10	02Z9.1A 02Z10A	05Z9.1L·U 05Z10L·U	1Z9.1 1Z10	1S224 1S225		1S266 1S267	02Z9.1A-M 02Z10A-M	1Z9.1-M 1Z10-M	10Z9.1-M 10Z10-M
10~12	02Z11A 02Z12A	05Z11L·U 05Z12L·U	1Z11 1Z12	1S226 1S227		1S268 1S269	02Z11A-M 02Z12A-M	1Z11-M 1Z12-M	10Z11-M 10Z12-M
12~14	02Z13A	05Z13L·U	1Z13	1S228 1S229		1S270 1S271	02Z13A-M	1Z13-M	10Z13-M
14~17	02Z15A 02Z16A	05Z15L·U 05Z16L·U	1Z15 1Z16	1S230~232		1S272~274	02Z15A-M 02Z16A-M	1Z15-M 1Z16-M	10Z15-M 10Z16-M
17~20	02Z18A	05Z18L·U	1Z18	1S233~235		1S275~277	02Z18A-M	1Z18-M 1Z20-M	10Z18-M 10Z20-M
20~24	02Z20A 02Z22A 02Z24A	05Z20L·U 05Z22L·U 05Z24L·U	1Z20 1Z22 1Z24	1S236 1S237		1S278 1S279	*02Z20A-M *02Z22A-M 02Z24A-M	1Z22-M 1Z24-M	10Z22-M 10Z24-M
24~29		*05Z27	1Z27	1S238 1S239	5Z27	1S280 1S281		1Z27-M	10Z27-M
29~35		*05Z30 *05Z33	1Z30	1S240 1S241		1S282 1S283		1Z30-M 1Z33-M	10Z30-M 10Z33-M
35~42		*05Z36 *05Z39		1S242 1S243		1S284 1S285		1Z36-M 1Z39-M	10Z36-M 10Z39-M
42~50		*05Z43 *05Z47	1Z50	1S244~247		1S286~289		1Z43-M 1Z47-M	10Z43-M 10Z47-M
50~60		*05Z51		1S248 1S249		1S290 1S291		1Z51-M 1Z56-M	10Z51-M 10Z56-M
60~72			1Z72	1S250 1S251		1S292 1S293		1Z62-M 1Z68-M	10Z62-M 10Z68-M
72~86			1Z82	1S252 1S253		1S294 1S295		1Z75-M 1Z82-M	10Z75-M 10Z82-M
86~100				1S254 1S255		1S296 1S297		1Z91-M 1Z100-M	10Z91-M 10Z100-M
100~120				1S256~258		1S298~300		1Z110-M 1Z120-M	10Z110-M 10Z120-M
120~140				1S259 1S260		1S301 1S302		1Z130-M	10Z130-M
140~170				1S261		1S303		1Z150-M	10Z150-M
170~200			1Z175						

**BI-DIRECTIONAL
ZENER DIODES**

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Vz Standard Value	1W Type (Plastic Mold Type)
24~36	1ZM30
40~60	1ZM50