



## QVGG2.E349157 Isolated Loop Circuit Protectors - Component

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### Isolated Loop Circuit Protectors - Component

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#### COMCHIP TECHNOLOGY CO LTD

E349157

No 586 Jianguo Rd  
Yingge District  
New Taipei, 239 TAIWAN

**Transient voltage surge suppressors**, Model(s) 3KP10+, 3KP100+, 3KP11+, 3KP110+, 3KP12+, 3KP120+, 3KP13+, 3KP130+, 3KP14+, 3KP140+, 3KP15+, 3KP150+, 3KP16+, 3KP160+, 3KP17+, 3KP170+, 3KP18+, 3KP180+, 3KP19+, 3KP190+, 3KP20+, 3KP200+, 3KP210+, 3KP22+, 3KP220+, 3KP24+, 3KP250+, 3KP26+, 3KP28+, 3KP30+, 3KP300+, 3KP33+, 3KP350+, 3KP36+, 3KP40+, 3KP400+, 3KP43+, 3KP440+, 3KP45+, 3KP48+, 3KP5.0+, 3KP51+, 3KP54+, 3KP58+, 3KP6.0+, 3KP6.5+, 3KP60+, 3KP64+, 3KP7.0+, 3KP7.5+, 3KP70+, 3KP75+, 3KP78+, 3KP8.0+, 3KP8.5+, 3KP80+, 3KP85+, 3KP9.0+, 3KP90+, ATV66SM814A, ATV66SM815A, ATV66SM816A, ATV66SM817A, ATV66SM818A, ATV66SM820A, ATV66SM822A, ATV66SM824A, ATV66SM826A, ATV66SM828A, ATV66SM830A, ATV66SM833A, ATV66SM836A, ATV66SM840A, ATV66SM843A, TVJ10B100\*, TVJ10B110\*, TVJ10B120\*, TVJ10B130\*, TVJ10B140\*, TVJ10B150\*, TVJ10B160\*, TVJ10B170\*, TVJ10B180\*, TVJ10B190\*, TVJ10B200\*, TVJ10B220\*, TVJ10B240\*, TVJ10B260\*, TVJ10B280\*, TVJ10B300\*, TVJ10B330\*, TVJ10B360\*, TVJ10B400\*, TVJ10B430\*, TVJ10B5V0\*, TVJ10B6V0\*, TVJ10B6V5\*, TVJ10B7V0\*, TVJ10B7V5\*, TVJ10B8V0\*, TVJ10B8V5\*, TVJ10B9V0\*

**Transient-voltage surge suppressors**, Model(s) 1.5KE10+, 1.5KE100+, 1.5KE11+, 1.5KE110+, 1.5KE12+, 1.5KE120+, 1.5KE13+, 1.5KE15+, 1.5KE16+, 1.5KE18+, 1.5KE20+, 1.5KE22+, 1.5KE24+, 1.5KE27+, 1.5KE30+, 1.5KE33+, 1.5KE36+, 1.5KE39+, 1.5KE43+, 1.5KE47+, 1.5KE51+, 1.5KE56+, 1.5KE6.8+, 1.5KE62+, 1.5KE68+, 1.5KE7.5+, 1.5KE75+, 1.5KE8.2+, 1.5KE82+, 1.5KE9.1+, 1.5KE91+, 15KP100+, 15KP110+, 15KP120+, 15KP130+, 15KP150+, 15KP160+, 15KP17+, 15KP170+, 15KP18+, 15KP180+, 15KP20+, 15KP200+, 15KP22+, 15KP220+, 15KP24+, 15KP240+, 15KP26+, 15KP260+, 15KP28+, 15KP280+, 15KP30+, 15KP33+, 15KP36+, 15KP40+, 15KP43+, 15KP45+, 15KP48+, 15KP51+, 15KP54+, 15KP58+, 15KP60+, 15KP64+, 15KP70+, 15KP75+, 15KP78+, 15KP85+, 15KP90+, 20KPA104+, 20KPA112+, 20KPA120+, 20KPA132+, 20KPA144+, 20KPA160+, 20KPA172+, 20KPA180+, 20KPA192+, 20KPA20+, 20KPA204+, 20KPA216+, 20KPA232+, 20KPA24+, 20KPA240+, 20KPA256+, 20KPA26+, 20KPA28+, 20KPA280+, 20KPA30+, 20KPA300+, 20KPA32+, 20KPA34+, 20KPA36+, 20KPA40+, 20KPA44+, 20KPA48+, 20KPA52+, 20KPA56+, 20KPA60+, 20KPA64+, 20KPA68+, 20KPA72+, 20KPA80+, 20KPA88+, 20KPA96+, 30KPA102+, 30KPA108+, 30KPA120+, 30KPA132+, 30KPA144+, 30KPA150+, 30KPA156+, 30KPA160+, 30KPA168+, 30KPA170+, 30KPA180+, 30KPA198+, 30KPA216+, 30KPA240+, 30KPA258+, 30KPA260+, 30KPA270+, 30KPA28+, 30KPA280+, 30KPA288+, 30KPA30+, 30KPA33+, 30KPA36+, 30KPA39+, 30KPA42+, 30KPA43+, 30KPA45+, 30KPA48+, 30KPA51+, 30KPA54+, 30KPA58+, 30KPA60+, 30KPA64+, 30KPA66+, 30KPA70+, 30KPA71+, 30KPA72+, 30KPA75+, 30KPA78+, 30KPA84+, 30KPA90+, 30KPA96+, 5KP10+, 5KP100+, 5KP11+, 5KP110+, 5KP12+, 5KP120+, 5KP13+, 5KP130+, 5KP14+, 5KP140+, 5KP15+, 5KP150+, 5KP16+, 5KP160+, 5KP17+, 5KP170+, 5KP18+, 5KP180+, 5KP19+, 5KP190+, 5KP20+, 5KP22+, 5KP24+, 5KP26+, 5KP28+, 5KP30+, 5KP33+, 5KP36+, 5KP40+, 5KP43+, 5KP45+, 5KP48+, 5KP5.0+, 5KP51+, 5KP54+, 5KP58+, 5KP6.0+, 5KP6.5+, 5KP60+, 5KP64+, 5KP7.0+, 5KP7.5+, 5KP70+, 5KP75+, 5KP78+, 5KP8.0+, 5KP8.5+, 5KP80+, 5KP85+, 5KP9.0+, 5KP90+, KA012=, KA015=, KA020=, KA025=, KA030=, KA042=, KA054=, KA058=, KA066=, KA076=, KA100=, KA133=, KA170=, KA190=, KA200=, KA240=, KA275=, KA300=, KA380=, KA430=, KA460=, KA500=, KB012=, KB015=, KB020=, KB025=, KB030=, KB042=, KB054=, KB058=, KB066=, KB076=, KB100=, KB133=, KB170=, KB190=, KB200=, KB240=, KB275=, KB300=, KB380=, KB430=, KC012=, KC015=, KC020=, KC025=, KC030=, KC042=, KC054=, KC058=, KC066=, KC076=, KC100=, KC133=, KC170=, KC190=, KC200=, KC240=, KC380=, KC430=, P4KE10+, P4KE11+, P4KE12+, P4KE13+, P4KE15+, P4KE16+, P4KE18+, P4KE20+, P4KE22+, P4KE24+, P4KE27+, P4KE30+, P4KE33+, P4KE6.8+, P4KE7.5+, P4KE8.2+, P4KE9.1+, P6KE10+, P6KE11+, P6KE12+, P6KE13+, P6KE15+, P6KE16+, P6KE18+, P6KE20+, P6KE22+, P6KE24+, P6KE27+, P6KE30+, P6KE33+, P6KE36+, P6KE39+, P6KE43+, P6KE47+, P6KE6.8+, P6KE7.5+, P6KE8.2+, P6KE9.1+, TV04A100\*, TV04A110\*, TV04A120\*, TV04A130\*, TV04A140\*, TV04A150\*, TV04A160\*, TV04A170\*, TV04A180\*, TV04A190\*, TV04A200\*, TV04A220\*, TV04A240\*, TV04A5V0\*, TV04A6V0\*, TV04A6V5\*, TV04A7V0\*, TV04A7V5\*, TV04A8V0\*, TV04A8V5\*, TV04A9V0\*, TV06B100\*, TV06B110\*, TV06B120\*, TV06B130\*, TV06B140\*, TV06B150\*, TV06B160\*, TV06B170\*, TV06B180\*, TV06B190\*, TV06B200\*, TV06B220\*, TV06B240\*, TV06B260\*, TV06B280\*, TV06B300\*, TV06B330\*, TV06B360\*, TV06B400\*, TV06B5V0\*, TV06B6V0\*, TV06B6V5\*, TV06B7V0\*, TV06B7V5\*, TV06B8V0\*, TV06B8V5\*, TV06B9V0\*, TV15C100\*, TV15C101\*, TV15C110\*, TV15C120\*, TV15C130\*, TV15C140\*, TV15C150\*, TV15C160\*, TV15C170\*, TV15C180\*, TV15C190\*, TV15C200\*, TV15C220\*, TV15C240\*, TV15C260\*, TV15C280\*, TV15C300\*, TV15C330\*, TV15C360\*, TV15C400\*, TV15C430\*, TV15C450\*, TV15C480\*, TV15C510\*, TV15C540\*, TV15C580\*, TV15C5V0\*, TV15C600\*, TV15C640\*, TV15C6V0\*, TV15C6V5\*, TV15C700\*, TV15C750\*, TV15C780\*, TV15C7V0\*, TV15C7V5\*, TV15C800\*, TV15C850\*, TV15C8V0\*, TV15C8V5\*, TV15C900\*, TV15C9V0\*, TV15CJ100+, TV15CJ101+, TV15CJ110+, TV15CJ111+,

TV15CJ120+, TV15CJ121+, TV15CJ130+, TV15CJ150+, TV15CJ160+, TV15CJ180+, TV15CJ200+, TV15CJ220+,  
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 TV15CJ510+, TV15CJ560+, TV15CJ620+, TV15CJ680+, TV15CJ6V8+, TV15CJ750+, TV15CJ7V5+, TV15CJ820+,  
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 TV30C171\*, TV30C180\*, TV30C190\*, TV30C200\*, TV30C220\*, TV30C240\*, TV30C260\*, TV30C280\*, TV30C300\*,  
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 TV30C5V0\*, TV30C600\*, TV30C640\*, TV30C6V0\*, TV30C6V5\*, TV30C700\*, TV30C750\*, TV30C780\*, TV30C7V0\*,  
 TV30C7V5\*, TV30C800\*, TV30C850\*, TV30C8V0\*, TV30C8V5\*, TV30C900\*, TV30C9V0\*, TV50C101J, TV50C101JB,  
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 TV50C800J, TV50C800JB, TV50C850J, TV50C850JB, TV50C900J, TV50C900JB, TVP04A100+, TVP04A110+,  
 TVP04A120+, TVP04A130+, TVP04A150+, TVP04A160+, TVP04A180+, TVP04A200+, TVP04A220+, TVP04A240+,  
 TVP04A270+, TVP04A300+, TVP04A330+, TVP04A6V8+, TVP04A7V5+, TVP04A8V2+, TVP04A9V1+, TVP06B100+,  
 TVP06B110+, TVP06B120+, TVP06B130+, TVP06B150+, TVP06B160+, TVP06B180+, TVP06B200+, TVP06B220+,  
 TVP06B240+, TVP06B270+, TVP06B300+, TVP06B330+, TVP06B360+, TVP06B390+, TVP06B430+, TVP06B470+,  
 TVP06B510+, TVP06B6V8+, TVP06B7V5+, TVP06B8V2+, TVP06B9V1+

\* - May be followed by J or JB.

+ - May be followed by A or CA.

= - May be followed by (N).

Marking: Company name, model designation, and the Recognized Component Mark, .

Last Updated on 2017-03-14

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