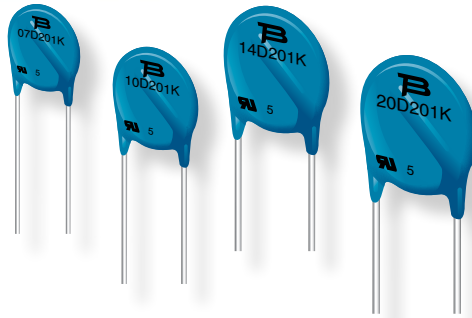


Product Update Memo

CIRCUIT PROTECTION PRODUCTS



Select Bourns® MOV Series Metal Oxide Varistors

Changes to Packaging Quantity, MOQ and/or MULT Quantities

Riverside, California - November 14, 2016 - Bourns has adjusted the packaging quantity, the Minimum Order Quantity (MOQ), and/or the Multiples Quantity (MULT) for select Model [MOV-07DxxxK](#), [MOV-10DxxxK](#), [MOV-14DxxxK](#), and [MOV-20DxxxK](#) Series Metal Oxide V aristors. The reason for this change is to help simplify order entry and inventory control. There is no impact on form, fit, or function of the products. For your convenience, Table 1 lists the changes.

Implementation dates are as follows:

Due to circumstances beyond Bourns' control, this process began: October 3, 2016

First date code using the above changes: 1636

Should you have any further questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

Select Bourns® MOV Series Metal Oxide Varistors -
 Changes to Packaging Quantity, MOQ and/or MULT Quantities
 November, 2016
 Page 2 of 6

Table 1

Model	Original MIN	New MIN	Original MULT	New MULT	Original PACKAGE QUANTITY	New PACKAGE QUANTITY
MOV-07D621K	6000	6400	2000	1600	2000	1600
MOV-07D681K	6000	6400	2000	1600	2000	1600
MOV-07D751K	6000	6400	2000	1600	2000	1600
MOV-07D781K	6000	6400	2000	1600	2000	1600
MOV-07D821K	6000	6400	2000	1600	2000	1600
MOV-10D621K	6000	6400	1000	800	1000	800
MOV-10D681K	6000	6400	1000	800	1000	800
MOV-10D751K	6000	6400	1000	800	1000	800
MOV-10D781K	6000	6400	1000	800	1000	800
MOV-10D821K	6000	6400	1000	800	1000	800
MOV-14D180K	6000	6400	1000	800	1000	800
MOV-14D220K	6000	6400	1000	800	1000	800
MOV-14D270K	6000	6400	1000	800	1000	800
MOV-14D330K	6000	6400	1000	800	1000	800
MOV-14D390K	6000	6400	1000	800	1000	800
MOV-14D470K	6000	6400	1000	800	1000	800
MOV-14D560K	6000	6400	1000	800	1000	800
MOV-14D680K	6000	6400	1000	800	1000	800
MOV-14D820K	6000	6400	1000	800	1000	800
MOV-14D101K	6000	6400	1000	800	1000	800
MOV-14D121K	6000	6400	1000	800	1000	800
MOV-14D151K	6000	6400	1000	800	1000	800
MOV-14D181K	6000	6400	1000	800	1000	800
MOV-14D201K	6000	6400	1000	800	1000	800
MOV-14D221K	6000	6400	1000	800	1000	800
MOV-14D241K	6000	6400	1000	800	1000	800
MOV-14D271K	6000	6400	1000	800	1000	800
MOV-14D301K	6000	6400	1000	800	1000	800
MOV-14D331K	6000	6400	1000	800	1000	800
MOV-14D361K	6000	6000	1000	600	1000	600
MOV-14D391K	6000	6000	1000	600	1000	600
MOV-14D431K	6000	6000	500	600	500	600

Table 1 (Continued)

Model	Original MIN	New MIN	Original MULT	New MULT	Original PACKAGE QUANTITY	New PACKAGE QUANTITY
MOV-14D471K	6000	6000	500	600	500	600
MOV-14D511K	6000	6000	500	600	500	600
MOV-14D561K	6000	6000	500	600	500	600
MOV-14D621K	6000	6000	500	600	500	600
MOV-14D681K	6000	6000	500	400	500	400
MOV-14D751K	6000	6000	500	400	500	400
MOV-14D781K	6000	6000	500	400	500	400
MOV-14D821K	6000	6000	500	400	500	400
MOV-14D911K	6000	6000	500	400	500	400
MOV-14D102K	6000	6000	500	400	500	400
MOV-14D112K	6000	6000	500	400	500	400
MOV-14D152K	6000	6000	500	300	500	300
MOV-14D182K	6000	6000	500	300	500	300
MOV-20D331K	6000	6000	500	400	500	400
MOV-20D471K	6000	6000	400	300	300	300
MOV-20D511K	6000	6000	400	300	300	300
MOV-20D561K	6000	6000	400	300	300	300
MOV-20D621K	6000	6000	400	300	300	300
MOV-20D681K	6000	6000	400	300	300	300
MOV-20D751K	6000	6000	400	300	300	300
MOV-20D781K	6000	6000	400	300	300	300
MOV-20D821K	6000	6000	400	300	300	300
MOV-20D911K	6000	6000	300	200	200	200
MOV-20D102K	6000	6000	300	200	200	200
MOV-20D112K	6000	6000	300	200	200	200
MOV-20D152K	6000	6000	300	200	200	200
MOV-20D182K	6000	6000	300	200	200	200
MOV-07D621KTR	6000	6000	1500	1000	1500	1000
MOV-07D681KTR	6000	6000	1500	1000	1500	1000
MOV-07D751KTR	6000	6000	1500	1000	1500	1000
MOV-07D781KTR	6000	6000	1500	1000	1500	1000
MOV-07D821KTR	6000	6000	1500	1000	1500	1000

Table 1 (Continued)

Model	Original MIN	New MIN	Original MULT	New MULT	Original PACKAGE QUANTITY	New PACKAGE QUANTITY
MOV-10D391KTR	6000	6000	1000	500	1000	500
MOV-14D180KTR	6000	6000	1000	500	1000	500
MOV-14D220KTR	6000	6000	1000	500	1000	500
MOV-14D270KTR	6000	6000	1000	500	1000	500
MOV-14D330KTR	6000	6000	1000	500	1000	500
MOV-14D390KTR	6000	6000	1000	500	1000	500
MOV-14D470KTR	6000	6000	1000	500	1000	500
MOV-14D560KTR	6000	6000	1000	500	1000	500
MOV-14D680KTR	6000	6000	1000	500	1000	500
MOV-14D820KTR	6000	6000	1000	500	1000	500
MOV-14D101KTR	6000	6000	1000	500	1000	500
MOV-14D121KTR	6000	6000	1000	500	1000	500
MOV-14D151KTR	6000	6000	1000	500	1000	500
MOV-14D181KTR	6000	6000	1000	500	1000	500
MOV-14D201KTR	6000	6000	1000	500	1000	500
MOV-14D221KTR	6000	6000	1000	500	1000	500
MOV-14D241KTR	6000	6000	1000	500	1000	500
MOV-14D271KTR	6000	6000	1000	500	1000	500
MOV-14D301KTR	6000	6000	1000	500	1000	500
MOV-14D331KTR	6000	6000	1000	500	1000	500
MOV-14D361KTR	6000	6000	1000	400	1000	400
MOV-14D391KTR	6000	6000	1000	400	1000	400
MOV-14D431KTR	6000	6000	500	400	500	400
MOV-14D471KTR	6000	6000	500	400	500	400
MOV-14D511KTR	6000	6000	500	400	500	400
MOV-14D561KTR	6000	6000	500	400	500	400
MOV-14D621KTR	6000	6000	500	400	500	400
MOV-14D681KTR	6000	6000	500	400	500	400
MOV-14D751KTR	6000	6000	500	400	500	400
MOV-14D781KTR	6000	6000	500	400	500	400
MOV-14D821KTR	6000	6000	500	400	500	400
MOV-14D911KTR	6000	6000	500	400	500	400

Table 1 (Continued)

Model	Original MIN	New MIN	Original MULT	New MULT	Original PACKAGE QUANTITY	New PACKAGE QUANTITY
MOV-14D102KTR	6000	6000	500	400	500	400
MOV-14D112KTR	6000	6000	500	400	500	400
MOV-14D152KTR	6000	6000	500	400	500	400
MOV-14D182KTR	6000	6000	500	400	500	400
MOV-20D180KTR	6000	6000	500	250	400	250
MOV-20D220KTR	6000	6000	500	250	400	250
MOV-20D270KTR	6000	6000	500	250	400	250
MOV-20D330KTR	6000	6000	500	250	400	250
MOV-20D390KTR	6000	6000	500	250	400	250
MOV-20D470KTR	6000	6000	500	250	400	250
MOV-20D560KTR	6000	6000	500	250	400	250
MOV-20D680KTR	6000	6000	500	250	400	250
MOV-20D820KTR	6000	6000	500	250	400	250
MOV-20D101KTR	6000	6000	500	250	400	250
MOV-20D121KTR	6000	6000	500	250	400	250
MOV-20D151KTR	6000	6000	500	250	400	250
MOV-20D181KTR	6000	6000	500	250	400	250
MOV-20D201KTR	6000	6000	500	250	400	250
MOV-20D221KTR	6000	6000	500	250	400	250
MOV-20D241KTR	6000	6000	500	250	400	250
MOV-20D271KTR	6000	6000	500	250	400	250
MOV-20D301KTR	6000	6000	500	250	400	250
MOV-20D331KTR	6000	6000	500	250	400	250
MOV-20D361KTR	6000	6000	500	250	250	250
MOV-20D391KTR	6000	6000	500	250	250	250
MOV-20D431KTR	6000	6000	500	250	250	250
MOV-20D471KTR	6000	6000	500	250	250	250
MOV-20D511KTR	6000	6000	500	250	250	250
MOV-20D561KTR	6000	6000	500	250	250	250
MOV-20D621KTR	6000	6000	500	250	250	250
MOV-20D681KTR	6000	6000	500	250	250	250
MOV-20D751KTR	6000	6000	500	250	250	250

Table 1 (Continued)

Model	Original MIN	New MIN	Original MULT	New MULT	Original PACKAGE QUANTITY	New PACKAGE QUANTITY
MOV-20D781KTR	6000	6000	500	250	250	250
MOV-20D821KTR	6000	6000	500	250	250	250
MOV-20D911KTR	6000	6000	500	250	250	250
MOV-20D102KTR	6000	6000	500	250	250	250
MOV-20D112KTR	6000	6000	500	250	250	250
MOV-20D152KTR	6000	6000	500	250	250	250
MOV-20D182KTR	6000	6000	500	250	250	250