

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Multi-channel radio-frequency connectors –  
Part 2: Sectional specification for MQ4 series circular connectors**

**Connecteurs radiofréquences multicanaux –  
Partie 2: Spécification intermédiaire pour les connecteurs circulaires de  
série MQ4**



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**MULTI-CHANNEL RADIO-FREQUENCY CONNECTORS –****Part 2: Sectional specification for MQ4 series circular connectors**

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IEC 63138-2 has been prepared by subcommittee 46F: RF and microwave passive components, of IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories. It is an International Standard.

This second edition cancels and replaces the first edition published in 2020. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) change the supplementary key and groove position degree from 0,1 to 0,05 in Figure 1, Figure 2, Figure 3, Figure 7 and Figure 8;
- b) change dimension  $q$  from min.1,60 to min.1,65 in Table 1;
- c) add an electrical reference plane in Figure 4;

- d) add dimensions in Table 1;
- e) change dimension  $n$  from max.1,55 to max.1,50 in Table 2, Table 3 and Table 7;
- f) update some dimensions in Figure 4 and Table 4;
- g) change dimension  $a$  from min.7,50 to min.7,52, and max.7,60 to max. 7,58 in Table 7;
- h) update some dimensions in Figure 8 and Table 8;
- i) change mechanical compatibility from 50 N to 60 N in 4.2.3 and 4.2.4.

The text of this International Standard is based on the following documents:

Draft	Report on voting
46F/644/FDIS	46F/651/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

This document is to be read with IEC 63138-1:2019.

A list of all parts in the IEC 63138 series, published under the general title *Multichannel radio-frequency connectors*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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