

### SNAP-IN BEZELS FOR DMS-20PC/30PC/40PC RED LED METERS

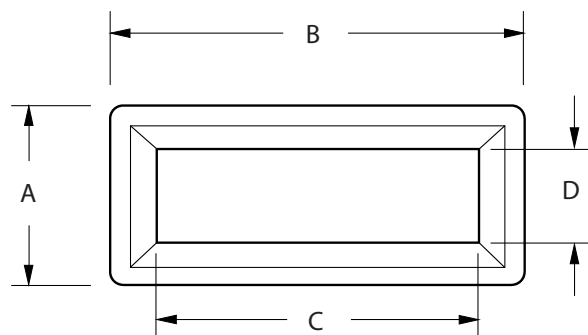
Murata Power Solutions part numbers 5252-01160-0 (for DMS-30PC and DMS-40PC red LED meters) and 5252-01161-0 (for DMS-20PC red LED meters) can be used when DMS meters are mounted on a pc-board which is situated behind a panel. Both bezels are made of black ABS plastic and easily snap into appropriately-sized cutouts (see chart for cutout dimensions) in metal panels whose thickness is between 0.040"(1.0mm) and 0.125"(3.2mm).

Both bezels come with a snap-in, 0.030"(0.8mm) thick, red acrylic lens which provides excellent on/off contrast. For optimum digit clarity, the spacing between the meter's front surface and the lens should be less than 0.200"(5.1mm). See application Note 16 for more information on behind-the-panel mounting.

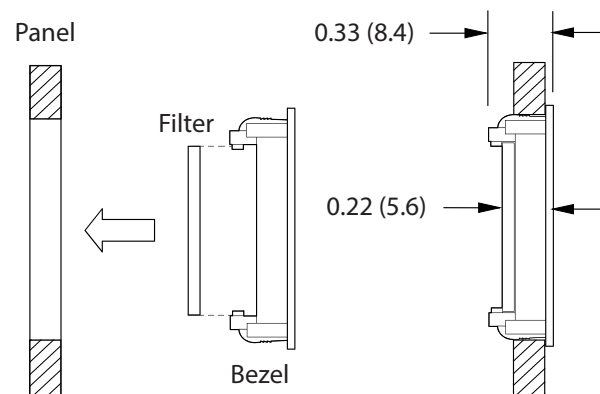
Bezel Dimensions	A	B	C	D
5252-01161-0 DMS-20PC	1.343 (34.1)	1.906 (48.4)	1.375 (34.9)	0.812 (20.6)
5252-01160-0 DMS-30PC/40PC	1.343 (34.1)	2.531 (64.3)	2.0 (50.8)	0.812 (20.6)
Cutout Dimensions			Height	Width
5252-01161-0 DMS-20PC			1.156 (29.4)	1.750 (44.5)
5252-01160-0 DMS-30PC/40PC			1.156 (29.4)	2.375 (60.3)
Filter Dimensions			Height	Width
5252-01161-0 DMS-20PC			0.875 (22.2)	1.437 (36.5)
5252-01160-0 DMS-30PC/40PC			0.875 (22.2)	2.087 (53.0)

Dimensions: in. (mm)      Tolerances:  $\pm 0.008$  ( $\pm 0.2$ )  
Filter Material is 0.030" (0.8) thick

See [www.murata-ps.com/dpm-availability](http://www.murata-ps.com/dpm-availability) for model-specific availability.



### BEZEL AND FILTER INSTALLATION



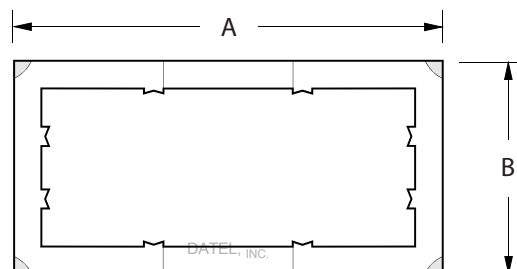
## RETAINING CLIPS FOR DMS-20 AND DMS-30/40

Part numbers 5252-01126-0 (for all DMS-30/40 meters) and 5252-01127-0 (for all DMS-20 meters) metal retaining clips can be used as spares for damaged or lost clips and for securing blank cases to panels.

Clip Dimensions	A	B
5252-01127-0 DMS-20PC	1.71 (43.4)	1.21 (30.7)
5252-01126-0 DMS-30PC/40PC	2.50 (63.5)	1.25 (31.8)

Dimensions: in. (mm)

Tolerances:  $\pm 0.02$  ( $\pm 0.5$ )



## RED CASES FOR DMS-20PC/30PC/40PC APPLICATIONS

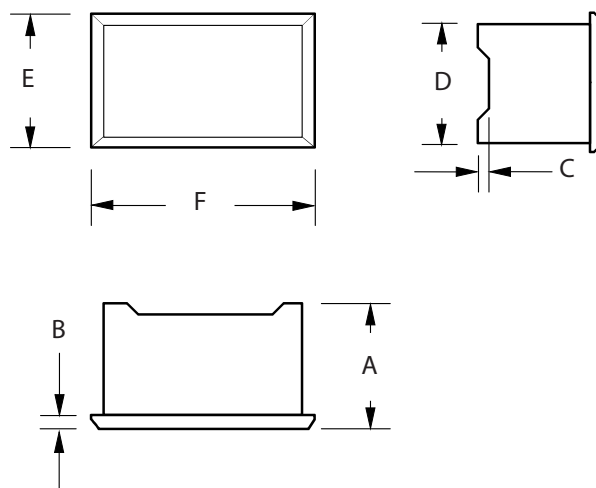
Murata Power Solutions part numbers 5252-01145-0 (DMS-30/40PC size) and 5252-01130-0 (DMS-20PC size) are the same red plastic cases used in DMS-30/40 and DMS-20PC red LED display meters. These "blank" cases can be utilized to cover unused cutouts in multiple-meter applications. They can also be used to achieve a uniform appearance in applications which combine a red LED DMS meter with a user-supplied red LED display. Both cases can be secured to the panel in the same manner as their meter counterparts, that is, with either 5252-01120-0 (for DMS-30/40's) and 5252-01127-0 (for DMS-20's) retaining clips, or with DMS-BZL1 (for DMS-30/40's) and DMS-BZL3 (for DMS-20's) bezel assemblies.

Both cases are made from 0.040" (1.0mm) thick red polycarbonate plastic and are supplied with a removable protective film on their front surface which reduces scratching during handling and installation.

Case Dimensions	A	B	C	D	E	F
5252-01130-0 DMS-20PC	0.475 (12.1)	0.040 (1.0)	0.025 (0.6)	0.800 (20.3)	0.880 (22.4)	1.380 (35.1)
5252-01145-0 DMS-30PC/40PC	0.560 (14.1)	0.040 (1.0)	0.030 (0.8)	0.850 (21.6)	0.925 (23.5)	2.165 (55.0)

Dimensions: in. (mm)

Tolerances:  $\pm 0.008$  ( $\pm 0.2$ )



**Panel Cutouts:** See the Mechanical Specifications section of the DMS-20PC or DMS-30PC Series product data sheets for detailed panel cutout and panel mounting dimensions.

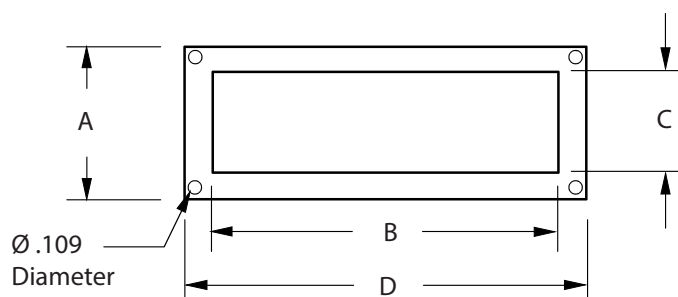
### CUTOUT ADAPTER FOR DMS-20/30/40 METERS

Murata Power Solutions offers two 0.020" (0.5mm) lexan adapter plates which, when used with DMS-BZL1 or DMS-BZL3 bezel assemblies, can compensate for irregular, less precise panel cutouts. These adapter plates can also be used to compensate for slightly larger cutouts when designing-in Murata Power Solutions meters as alternate sources. 4652-01101-0 fits all DMS-30/40 meters and 4652-01100-0 fits all DMS-20 meters. As shown in the illustrations, the adapter plate is first placed around the meter's case and then the bezel assembly is installed in the normal manner using its factory-supplied hardware.

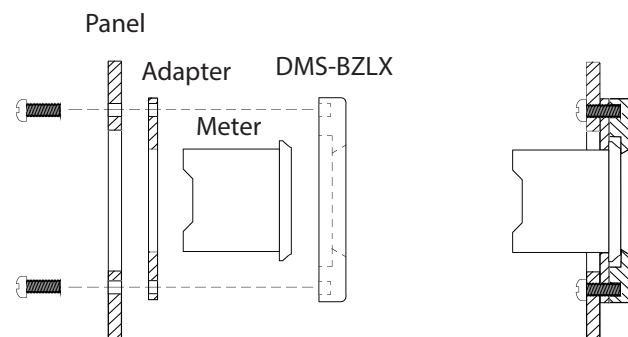
Adapter Dimensions	A	B	C	D
4652-01100-0 DMS-20PC	1.290 (32.8)	1.315 (33.4)	0.815 (20.7)	1.850 (47.0)
4652-01101-0 DMS-30PC/40PC	1.290 (32.8)	2.110 (53.6)	0.870 (22.1)	2.570 (65.3)

Dimensions: in. (mm) Tolerances:  $\pm 0.008$  ( $\pm 0.2$ )

Adapter Plate is 0.020 (0.5) thick



### ADAPTER PLATE INSTALLATION



Murata Power Solutions, Inc.  
ISO 9001 and 14001 REGISTERED



**This product is subject to the following operating requirements and the Life and Safety Critical Application Sales Policy:**

**Refer to:** <http://www.murata-ps.com/requirements/>

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