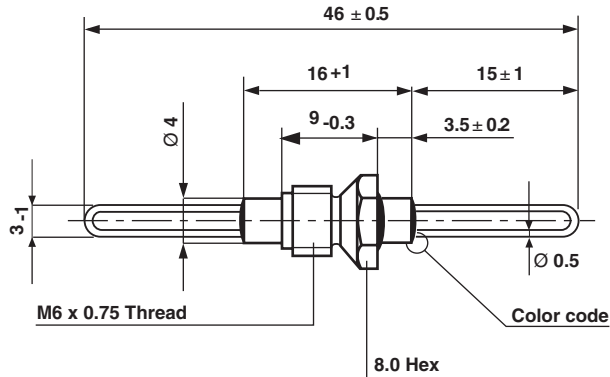


## Ceramic Singlelayer Feed-Through Capacitors 400 V<sub>DC</sub>



\* Dimensions in mm

### DIRECT CURRENT I<sub>DC</sub>:

8 A

### MAXIMUM PERMISSIBLE TORQUE:

0.8 Nm (clearance hole mounting)

0.5 Nm (threaded hole mounting)

### PERMISSIBLE POWER LOSS:

220 mW

### MARKING:

Capacitance value, Tolerance letter,  
Ceramic dielectric color code

### MOUNTING HARDWARE:

A threaded nut (8.0 HEX) is supplied in bulk

### DESIGN:

Feed-through capacitor, threaded type

### RATED VOLTAGE U<sub>R</sub>:

400 V<sub>DC</sub> (175 V<sub>RMS</sub>)

### DIELECTRIC STRENGTH BETWEEN LEADS:

1250 V<sub>DC</sub> 1 s

### DISSIPATION FACTOR tan δ:

Ceramic Class 1: see General Information

Ceramic Class 2:  $\leq 25 \cdot 10^{-3}$

### INSULATION RESISTANCE R<sub>is</sub>:

Ceramic Class 1:  $\geq 1 \cdot 10^{10} \Omega$

Ceramic Class 2:  $\geq 5 \cdot 10^9 \Omega$

### CATEGORY TEMPERATURE RANGE θ<sub>A</sub>:

Ceramic Class 1: (- 55 to + 125) °C

Ceramic Class 2: (- 25 to + 85) °C

### CLIMATIC TESTING CLASS ACC. TO EN 60068-1:

40 / 085 / 21

### PERMISSIBLE REACTIVE POWER:

8.8 VAR (Class 2), 150 VAR (Class 1B ,1F)

CLASS	CERAMIC DIELECTRIC	CAPACITANCE VALUE (pF)	TOLERANCE
1B	P 100	25	± 20 %
	N 150	50	
	N 750	250	
1F	N 1500	400	
2	R 700	500	- 20 + 50 %
		1000	
	R 2000	2500	
	R 4000	5000	

• other capacitance values are available on request

### ORDERING INFORMATION

DvML 0416

400 V<sub>DC</sub>

5000 pF

- 20 + 50 %

R 4000



## Disclaimer

All product specifications and data are subject to change without notice.

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