

BNC / MHV DN 16 - 40

Coxial Feedthroughs ISO-KF / CF-F

PROPERTIES

- ◆ Based on MIL-C-39012A
- ◆ Voltage up to 5 kV DC
- ◆ With atmospheric connector



SELECTION DATA

| | | | | | |
|------------------------|--------------|--------------|------------|------------|------------|
| Vacuum connection | DN 16 ISO-KF | DN 16 ISO-KF | DN 16 CF-F | DN 16 CF-F | DN 40 CF-F |
| Number of feedthroughs | 1 | 1 | 1 | 1 | 3 |

ORDERING INFORMATION

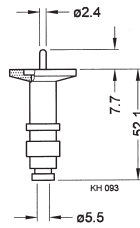
| | | | | | |
|-----------------|----------------|----------------|----------------|----------------|----------------|
| Type | BNC | MHV | BNC | MHV | MHV |
| Part No. | 214-151 | 214-152 | 214-155 | 214-156 | 214-157 |

SPECIFICATIONS

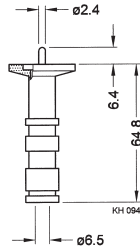
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|-------------------------------|----------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Voltage | | | | | | |
| AC, 50 Hz | kV | 0.35 | 3.5 | 0.35 | 3.5 | 3.5 |
| DC | kV | 0.5 | 5 | 0.5 | 5 | 5 |
| Current | A | 3 | 3 | 3 | 3 | 3 |
| Frequency | MHz | 150 | | 150 | | |
| Impedance | Ω | 50-60 | | 50-60 | | |
| Insulation resistance at 20°C | Ω | 10^{10} | 10^{10} | 10^{10} | 10^{10} | 10^{10} |
| Tightness | mbar l/s | 1×10^{-9} | 1×10^{-9} | 1×10^{-10} | 1×10^{-10} | 1×10^{-10} |
| Pressure (absolute) | | 1×10^{-8} mbar to 2.5 bar | 1×10^{-8} mbar to 2.5 bar | 1×10^{-9} mbar to 2.5 bar | 1×10^{-9} mbar to 2.5 bar | 1×10^{-9} mbar to 2.5 bar |
| Housing, flange, conductor | | stainless steel | stainless steel | stainless steel | stainless steel | stainless steel |
| Feedthrough, seal | | Al ₂ O ₃ | Al ₂ O ₃ | Al ₂ O ₃ | Al ₂ O ₃ | Al ₂ O ₃ |
| Bakeout temperature | | | | | | |
| With connector | °C | 50 | 50 | 50 | 50 | 50 |
| Without connector | °C | 200 | 200 | 400 | 400 | 400 |
| Standart connection | | | | | | |
| Atmospheric connector | | UG 88/U | UG 932/U | UG 88/U | UG 932/U | UG 932/U |
| Cable | | RG 58/U | RG 59/U | RB 58/U | RG 59/U | RG 59/U |
| Weight | kg | 0.1 | 0.1 | 0.14 | 0.14 | 0.5 |

DIMENSIONS

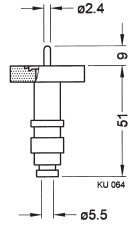
214-151



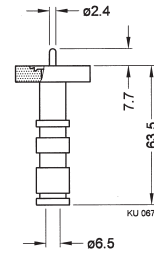
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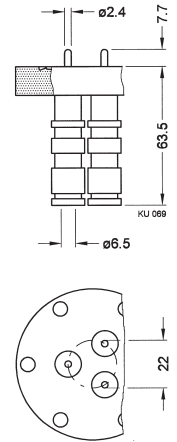
214-155



214-156



214-157



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