

HQ-007/0-MC - Insert

130 007 010 0001
<https://www.wainelectric.com/hq-007-0-mc>



Male/female:Male,Connection type:Crimp connection,Number of connector contacts:7,Rated current:10A,Rated voltage:400V,Wire gauge (mm²):0.14-2.5mm²,Wire gauge (AWG):26-14 AWG

Technical Data

Series	HQ insert series
Male/female	Male
Connection type	Crimp connection
Specifications	3A
Number of connector contacts	7
Grounding contacts	Yes
Rated current	10A
Rated voltage	400V
Rated pulse voltage	6KV
Inserts material	Polycarbonate
Inserts color	RAL 7032 (light gray)
Class of pollution	3
Insulation resistance	≥10 ¹⁹ Ω
Working temperature	-40°C...+125°C
Mating cycles	≥500
Flame retardant rating as per UL94	V0
Contact material	Copper alloy
Surface treatment	Silver-plated Gold-plated
Contact resistance	≤3mΩ
Wire gauge (mm²)	0.14-2.5mm²
Wire gauge (AWG)	26-14 AWG
Stripping length	0.14-1.5mm²→8mm 2.5mm²→6mm
Standard	DIN EN 60664 DIN EN 61984

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2D Drawings

图号/Date

图例/Title

1

2

3

4

5

6

30.8

39.5

21

1

2

3

4

5

6

技术参数:

额定电压: 7+PE
额定电流: 10A
额定电压: 400V
额定脉冲电压: 6kV
污染等级: 3
额定UL/CSA额定电压: 600V
绝缘电阻: >10¹⁰Ω
材料: 聚碳酸酯
颜色: RAL 7032 (浅灰色)
温度范围: -40℃ ~ +125℃
符合UL 94阻燃等级: V0
可焊接次数: >500

特性:

接线方式: 冷压连接
材料: 铜合金
表面处理:
• 镀银
• 镀金
接触电阻: ≤3mΩ
绝缘电阻:
• 冷压连接: 0.14~2.5mm²(26~14 AWG)
• PE连接: 2.5mm²(14 AWG)
工具:
• 剥线钳: TL02G
• 压线钳: TL00

Technical specification:

Inserts:
- No. of contact: 7+PE
- Rated current: 10A
- Rated voltage: 400V
- Rated impulse voltage: 6kV
- Pollution degree: 3
- Rated voltage acc.to UL/CSA: 600V
- Insulation resistance: ≥10¹⁰Ω
- Material: polycarbonate
- Colour: RAL 7032(light grey)
- Temperature range: -40℃ ~ +125℃
- Flammability acc.to UL 94: V0
- Mating cycles: ≥500
Contacts:
- Terminal: crimp terminal
- Material: copper alloy
- Surface:
• Hard-silver plated
• Hard-gold plated
- Contact resistance: ≤3mΩ
- Wire gauge:
• Crimp terminal: 0.14~2.5mm²(26~14 AWG)
• PE contact: 2.5mm²(14 AWG)
- Tools:
• Crimp contact tool: TL02G
• Contact removal tool: TL00

图号	Drawing No.		—	
产品代号	Part Code		HQ-007/0-MC	
产品料号	Part No.		1300070100001	
产品名称	Part Name		—	
工艺	Process		—	
批准	Approved		HQ ZHANG 20.01.2024	
比例	Scale		1:1	
版本	REV.		V1.2	
重量	Weight		13.5g	
数量	Qty.		—	
All Dimensions in mm Original Size DIN A 4				

WAIN

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XIAMEN WAIN ELECTRICAL CO.,LTD