

Automobile Wire (TWP)

SAE Specification

用途

汽機車之內部配線。

構造

導體：裸軟銅絞線

絕緣：80°C級·無鉛聚氯乙烯

認證及技術規格

參考規範：SAE J1128 Type TWP

說明

耐油及耐燃性能優越。

使用無鉛 PVC 材料產品符合歐盟 RoHS 環保需求。

Application

Electrical wires for automobile and motorcycle.

Construction

Conductor : Bare copper strands wire

Insulation : 80°C Lead free PVC

Approval and Technical specification

Reference : SAE J1128 Type TWP

Description

Excellent for oil resistance and flame retardant.

Use lead free PVC compound complies with EU RoHS requirements.

| 芯數 | 規格 | 導體結構 | 導體外徑 | 約計完成外徑 | 最大導體電阻 |
|----------|------|------------------------|----------------------------|------------------------------|------------------------------|
| Core No. | Size | Conductor Construction | Conductor Overall Diameter | Approximate Overall Diameter | Maximum Conductor Resistance |
| C | AWG | No./mm | mm | mm | Ω/km(20°C) |
| 1 | 24 | 19/0.127 | 0.64 | 1.44 | 87.6 |
| | 22 | 19/0.16 | 0.8 | 1.6 | 55.4 |
| | 20 | 19/0.203 | 1.0 | 1.8 | 34.6 |
| | 18 | 19/0.254 | 1.27 | 2.07 | 21.8 |
| | 16 | 19/0.287 | 1.44 | 2.24 | 13.7 |
| | 14 | 19/0.361 | 1.8 | 2.6 | 8.62 |
| | 12 | 19/0.455 | 2.3 | 3.2 | 5.43 |
| | 10 | 19/0.574 | 2.9 | 3.9 | 3.41 |