

構造図 Construction figure



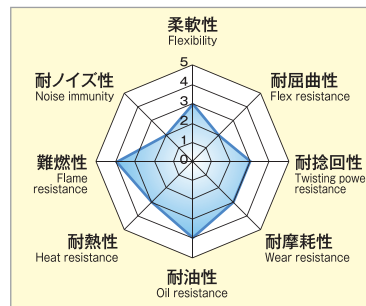
K-POWER STD(O)の特長 Characteristics

- ・シース材に高性能耐油性PVCを採用。
- ・世界各国の安全規格に適合。日本での使用機器は勿論、海外輸出用の機器への配線にも最適です。

適合規格 Compatible Specification

日本 (Japan) : <PS>E J60227-7 60227IEC75  
中国 (China) : CCC GB5023.7 227IEC75(RVVY)  
欧州 (Europe) : CEマーキング HD21.13 H05VV5-F(227IEC75)  
米国 (The United States) : UL AWM Style No.2464 (2.5SQ;No.2586)  
カナダ (Canada) : CUL AWM class I / II Group A/B

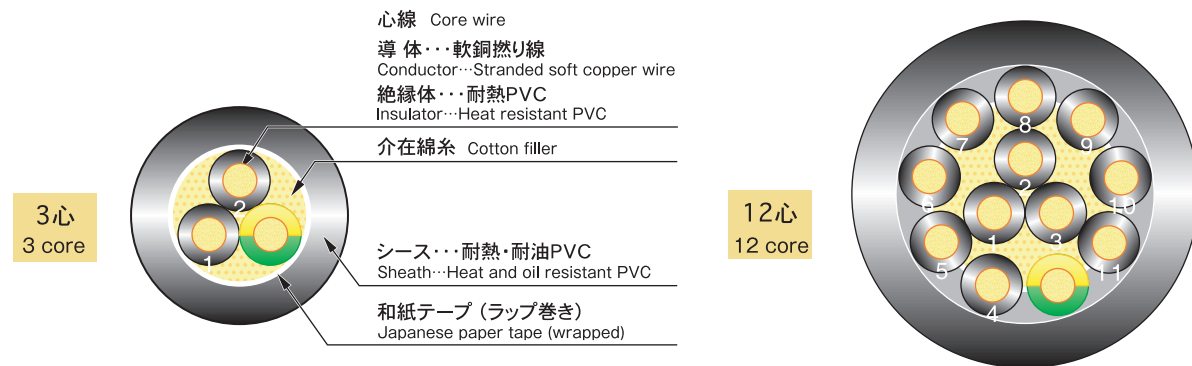
特性グラフ Features graph



- ・優れた柔軟性。配線作業が容易になります。
- ・心線識別: 黒心線ナンバリング+黄/緑アース線
- ・RoHS対応品

- Highly effective oil resistant PVC is adopted onto sheath materials.
- Worldwide safety standards compliant.
- Best suited for wiring machine tools not only for use in Japan but also for export.
- Identification of cores: Black core wires with numbering + yellow/green earth cable.
- RoHS complete

断面 / 構造 Construction figure



品名 Product name

KPSO-□□-△△(☆☆)

- ① KPSO:K-POWER STD(O)
- ② □□:mm²(0.5~2.5)
- ③ △△:心数(2~12) number
- ④ ☆☆:色記号 黒...K color cord

K-POWER STD(O)ラインナップ Line-up

| 品名<br>product name<br>( )内色記号<br>( )color cord | 心数<br>number | 導体<br>conductor    |                                | 心線径<br>(mm)<br>core diameter | ケーブル径<br>(mm)<br>cable diameter | 導体抵抗<br>(Ω/km)<br>conductor resistance | 絶縁抵抗<br>(MΩ/km)<br>insulation resistance | 耐電圧<br>(V/5min)<br>withstand voltage | 定格<br>rating    |                  | 許容電流<br>(A)<br>allowable ampacity |
|------------------------------------------------|--------------|--------------------|--------------------------------|------------------------------|---------------------------------|----------------------------------------|------------------------------------------|--------------------------------------|-----------------|------------------|-----------------------------------|
|                                                |              | 断面積<br>(AWGサイズ)    | 構成<br>structure                |                              |                                 |                                        |                                          |                                      | 温度(°C)<br>temp. | 電圧(V)<br>voltage |                                   |
| KPSO-0.5-2( )                                  | 2            | 0.5mm²<br>(AWG20)  | 20/0.18<br>裸軟銅線<br>bare copper | 2.2                          | 5.3                             | 39                                     | 11                                       | 2000                                 | 80              | 300              | 7.7                               |
| KPSO-0.5-3( )                                  | 3            |                    |                                |                              | 5.5                             |                                        |                                          |                                      |                 |                  | 6.7                               |
| KPSO-0.5-4( )                                  | 4            |                    |                                |                              | 7.2                             |                                        |                                          |                                      |                 |                  | 5.9                               |
| KPSO-0.5-5( )                                  | 5            |                    |                                |                              | 7.3                             |                                        |                                          |                                      |                 |                  | 5.4                               |
| KPSO-0.5-6( )                                  | 6            |                    |                                |                              | 8.7                             |                                        |                                          |                                      |                 |                  | 5.0                               |
| KPSO-0.5-7( )                                  | 7            |                    |                                |                              | 9.5                             |                                        |                                          |                                      |                 |                  | 4.7                               |
| KPSO-0.5-12( )                                 | 12           |                    |                                |                              | 12.2                            |                                        |                                          |                                      |                 |                  | 3.5                               |
| KPSO-0.75-2( )                                 | 2            | 0.75mm²<br>(AWG19) | 30/0.18<br>裸軟銅線<br>bare copper | 2.4                          | 5.7                             | 25                                     | 11                                       | 2000                                 | 80              | 300              | 9.9                               |
| KPSO-0.75-3( )                                 | 3            |                    |                                |                              | 7.1                             |                                        |                                          |                                      |                 |                  | 8.5                               |
| KPSO-0.75-4( )                                 | 4            |                    |                                |                              | 7.7                             |                                        |                                          |                                      |                 |                  | 7.6                               |
| KPSO-0.75-5( )                                 | 5            |                    |                                |                              | 8.5                             |                                        |                                          |                                      |                 |                  | 7.0                               |
| KPSO-0.75-6( )                                 | 6            |                    |                                |                              | 9.4                             |                                        |                                          |                                      |                 |                  | 6.4                               |
| KPSO-0.75-7( )                                 | 7            |                    |                                |                              | 10.4                            |                                        |                                          |                                      |                 |                  | 6.0                               |
| KPSO-0.75-12( )                                | 12           |                    |                                |                              | 13.1                            |                                        |                                          |                                      |                 |                  | 4.5                               |
| KPSO-1.0-2( )                                  | 2            | 1.0mm²<br>(AWG18)  | 40/0.18<br>裸軟銅線<br>bare copper | 2.6                          | 7.0                             | 19.5                                   | 11                                       | 2000                                 | 80              | 300              | 11.8                              |
| KPSO-1.0-3( )                                  | 3            |                    |                                |                              | 7.4                             |                                        |                                          |                                      |                 |                  | 10.3                              |
| KPSO-1.0-4( )                                  | 4            |                    |                                |                              | 8.1                             |                                        |                                          |                                      |                 |                  | 9.2                               |
| KPSO-1.0-5( )                                  | 5            |                    |                                |                              | 9.1                             |                                        |                                          |                                      |                 |                  | 8.4                               |
| KPSO-1.0-6( )                                  | 6            |                    |                                |                              | 10.1                            |                                        |                                          |                                      |                 |                  | 7.7                               |
| KPSO-1.0-7( )                                  | 7            |                    |                                |                              | 11.0                            |                                        |                                          |                                      |                 |                  | 7.3                               |
| KPSO-1.0-12( )                                 | 12           |                    |                                |                              | 14.0                            |                                        |                                          |                                      |                 |                  | 5.4                               |
| KPSO-1.5-2( )                                  | 2            | 1.5mm²<br>(AWG16)  | 30/0.26<br>裸軟銅線<br>bare copper | 3.1                          | 8.1                             | 13.3                                   | 11                                       | 2000                                 | 80              | 300              | 16.1                              |
| KPSO-1.5-3( )                                  | 3            |                    |                                |                              | 8.3                             |                                        |                                          |                                      |                 |                  | 13.9                              |
| KPSO-1.5-4( )                                  | 4            |                    |                                |                              | 9.5                             |                                        |                                          |                                      |                 |                  | 12.4                              |
| KPSO-1.5-5( )                                  | 5            |                    |                                |                              | 10.7                            |                                        |                                          |                                      |                 |                  | 11.4                              |
| KPSO-1.5-6( )                                  | 6            |                    |                                |                              | 11.9                            |                                        |                                          |                                      |                 |                  | 10.5                              |
| KPSO-1.5-7( )                                  | 7            |                    |                                |                              | 13.2                            |                                        |                                          |                                      |                 |                  | 9.9                               |
| KPSO-2.5-2( )                                  | 2            | 2.5mm²<br>(AWG14)  | 48/0.26<br>裸軟銅線<br>bare copper | 3.7                          | 9.5                             | 8.0                                    | 10                                       | 2000                                 | 105             | 600              | 22.3                              |
| KPSO-2.5-3( )                                  | 3            |                    |                                |                              | 10.4                            |                                        |                                          |                                      |                 |                  | 19.3                              |
| KPSO-2.5-4( )                                  | 4            |                    |                                |                              | 11.5                            |                                        |                                          |                                      |                 |                  | 17.2                              |
| KPSO-2.5-5( )                                  | 5            |                    |                                |                              | 12.5                            |                                        |                                          |                                      |                 |                  | 15.7                              |
| KPSO-2.5-6( )                                  | 6            |                    |                                |                              | 14.0                            |                                        |                                          |                                      |                 |                  | 14.5                              |

外被標準色: 黒(K) 特注色: グレー(GY) 白(W) 橙(O) 緑(G) その他カスタム色も対応致します。

上記以外の心数につきましてはお問い合わせ下さい。

Exterior standard colors: Black (K) Customized colors: Gray (GY) White(W) Orange(O) Green(G). Other customized colors are made to order. For other core numbers, please contact us.