

- Maximum voltage 1000Vdc
- For Y connections



LINE 4 CABUR SOLAR CONNECTORS

| VERSION                     | CODE TYPE                      | IS41410  | IS42420  |
|-----------------------------|--------------------------------|--|--|
|                             |                                | KX04MFF  | KX04FMM  |
| <b>TECHNICAL DATA</b>       |                                |  |  |
| Application                 |                                | Flying   | Flying   |
| Connector type              |                                | Male/ Fem - Female   | Female / Male - Male   |
| PIN diameter                | (mm)                           | 4  | 4  |
| Cable section               | (mm <sup>2</sup> )             | -  | -  |
| Pliers to use               | Movable matrix<br>Fixed matrix | -<br>-   | -<br>-   |
| Matrix to use               |                                | -  | -  |
| PIN material                |                                | Tinned Copper  | Tinned Copper  |
| Contact resistance          | Rc (mΩ)                        | < 5  | < 5  |
| Case material               |                                | PPO  | PPO  |
| Max. applicable voltage     | (Vdc)                          | 1000   | 1000   |
| Max. applicable current     | (A)                            | 35   | 35   |
| Operating temperature range | (°C)                           | -40...+85  | -40...+85  |
| Protection degree           |                                | IP67   | IP67   |
| Inflamability class         |                                | UL94-V0  | UL94-V0  |
| Pack quantity               | pieces                         | 30   | 30   |
| Packaging                   |                                | 6 bag for every box, every single bag contains 5 Y connectors. | 6 bag for every box, every single bag contains 5 Y connectors. |

**APPROVALS**

| <b>ACCESSORIES</b>                    |                           |            |            |
|---------------------------------------|---------------------------|------------|------------|
| Blocking ring                         |                           | IS15BLOCK  | IS15BLOCK  |
|                                       | Pack quantity             | pieces     | 50         |
| Unblocking key for release connectors |                           | IS15SBLOCK | IS15SBLOCK |
|                                       | Pack quantity             | pieces     | 2          |
| Caps                                  | Male                      | IS52400    | IS52400    |
|                                       | Female                    | IS51400    | IS51400    |
|                                       | Working Temperature range | -40...+85  | -40...+85  |
|                                       | Protection degree         | IP67       | IP67       |
|                                       | Inflamability class       | UL94-V0    | UL94-V0    |
|                                       | Pack quantity             | pieces     | 50         |
| <b>SPARE COMPONENTS</b>               |                           |            |            |
| Plastic shell                         |                           | -          | -          |
|                                       | Pack quantity             | pieces     | -          |
| Metallic PIN                          |                           | -          | -          |
|                                       | Pack quantity             | pieces     | -          |
| Metallic PIN wound on reel            |                           | -          | -          |
|                                       | Pack quantity             | pieces     | -          |