

TERMINAL

MLK 1,2

Consistent quality and trusted reliability.

- ⊕ 1.2 terminal system first to market by KOSTAL Connectors
- ⊕ Terminal contact area supports low mating force
- ⊕ Used in harsh engine environments
- ⊕ Sealed and unsealed
- ⊕ Best in class part traceability
- ⊕ Electrical properties similar to 1.5 mm terminal system



APPLICATIONS

- Zone controller
- ADAS (camera systems, LIDAR sensors, radar sensors)
- Door connectors
- Engine control units
- Temperature sensors
- Head- / rear lamps
- Steering modules

FEATURES



Current Carrying Capacity
24 A / 19 A
at 20 °C / 80 °C



Active Contact Zones
4



Operating Temperature
Max. 170 °C



Mating Force / Unmating Force
max. 3.0 N / max. 3.0 N



Wire Size Range
0.1 - 1.5 mm²
AWG 26 - 16



No. of Cycles
(mating / unmating)
50 (Ag)



Mating Terminal
1.2 x 0.6 mm



Material / Surface
- Body: CuSn / Sn
- Lamina: high performance
Cu-alloy / Sn, Ag, Au

Experience how we connect the global automotive industry with high performance connector systems.

www.kostal-kontakt-systeme.com



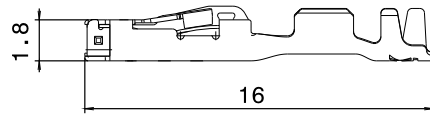
VALIDATION

- Released at **all major OEM's**
- Proven billions of times** in many applications
- Accepted at all major harness makers as **matching to TS 72036**
- Meets req. of **DIN/TS 70214 (LV spec.), USCAR-2, B21 7050**

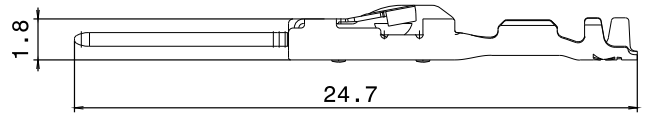


DIMENSIONS

MLK 1,2 Receptacle Terminal



MLK 1,2 Tab Terminal

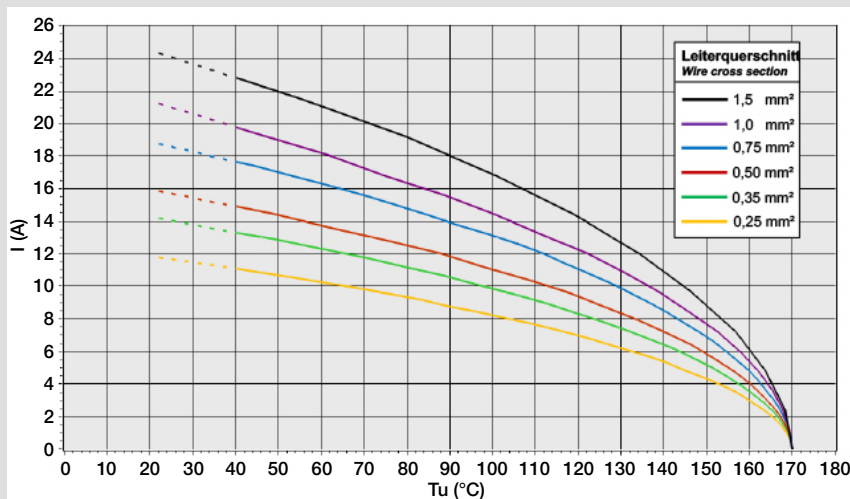


TECHNICAL DATA

Receptacle

Tab

| Wire Size Range | Material | sealed / unsealed | Order No. | Order No. |
|-----------------|--------------|-------------------|--------------------------------------|--------------------------------------|
| 0.13 - 0.14 | Sn / Ag / Au | yes / yes | 3 21 40... / 3 21 24... / 3 21 25... | 3 21 40... / 3 21 24... / 3 21 25... |
| 0.17 - 0.22 | Sn / Ag / Au | yes / yes | 3 21 40... / 3 21 24... / 3 21 25... | 3 21 40... / 3 21 24... / 3 21 25... |
| 0.35 | Sn / Ag / Au | yes / yes | 3 21 40... / 3 21 24... / 3 21 25... | 3 21 40... / 3 21 24... / 3 21 25... |
| 0.5 - 0.75 | Sn / Ag / Au | yes / yes | 3 21 40... / 3 21 24... / 3 21 25... | 3 21 40... / 3 21 24... / 3 21 25... |
| 0.75 - 1.0 | Sn / Ag / Au | yes / yes | 3 21 40... / 3 21 24... / 3 21 25... | 3 21 40... / 3 21 24... / 3 21 25... |
| 1.5 | Sn / Ag / Au | yes / yes | 3 21 40... / 3 21 24... / 3 21 25... | 3 21 40... / 3 21 24... / 3 21 25... |



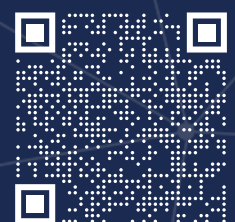
COMPATIBLE WITH



Tab MLK 1,2



VIEW OUR
PRODUCT CATALOGUE



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