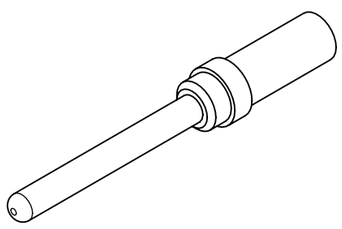
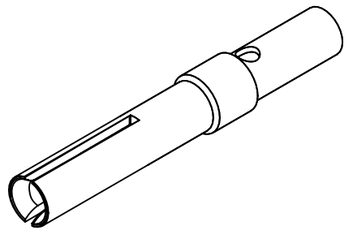
| AWG | Type | Surface | Mod. | FCT Part Number | Material Number |
|---|---|---|---|---|---|
| AWG 18-22 | FK20P18- | 02V | -5783 | FK20P18-02V-5783 | 1731120203 |
| | | | -6096 | FK20P18-02V-6096 | 1731120753 |
| | | | -6097 | FK20P18-02V-6097 | 1731121028 |
| | | 08V | -5783 | FK20P18-08V-5783 | 1731120204 |
| | | | -6096 | FK20P18-08V-6096 | |
| | | | -6097 | FK20P18-08V-6097 | |
| | | 13V | -5783 | FK20P18-13V-5783 | 1731120205 |
| | | | -6096 | FK20P18-13V-6096 | 1731121029 |
| | | | -6097 | FK20P18-13V-6097 | |
| AWG 20-24 | FK20P- | 02V | -5783 | FK20P-02V-5783 | 1731120200 |
| | | | -6096 | FK20P-02V-6096 | 1731120715 |
| | | | -6097 | FK20P-02V-6097 | 1731120716 |
| | | 08V | -5783 | FK20P-08V-5783 | 1731120201 |
| | | | -6096 | FK20P-08V-6096 | 1731120717 |
| | | | -6097 | FK20P-08V-6097 | 1731120718 |
| | | 13V | -5783 | FK20P-13V-5783 | 1731120202 |
| | | | -6096 | FK20P-13V-6096 | 1731120719 |
| | | | -6097 | FK20P-13V-6097 | 1731120720 |
| AWG 26-28 | FK20P26- | 02V | -5783 | FK20P26-02V-5783 | 1731120206 |
| | | | -6096 | FK20P26-02V-6096 | 1731120721 |
| | | | -6097 | FK20P26-02V-6097 | 1731120722 |
| | | 08V | -5783 | FK20P26-08V-5783 | 1731120207 |
| | | | -6096 | FK20P26-08V-6096 | |
| | | | -6097 | FK20P26-08V-6097 | |
| | | 13V | -5783 | FK20P26-13V-5783 | 1731120208 |
| | | | -6096 | FK20P26-13V-6096 | 1731120723 |
| | | | -6097 | FK20P26-13V-6097 | 1731120724 |
| AWG 20-24 | FK20PS- | 08V | -6096 | FK20PS-08V-6096 | 1731120752 |

| Type | Surface | Mod. | FCT Part Number | Material Number |
|---|---|---|---|---|
| FK20SL18- | 02V | -5783 | FK20SL18-02V-5783 | 1731120217 |
| | | -6096 | FK20SL18-02V-6096 | 1731121033 |
| | | -6097 | FK20SL186-02V-6097 | 1731121034 |
| | 08V | -5783 | FK20SL18-08V-5783 | 1731120218 |
| | | -6096 | FK20SL18-08V-6096 | |
| | | -6097 | FK20SL18-08V-6097 | |
| | 13V | -5783 | FK20SL18-13V-5783 | 1731120219 |
| | | -6096 | FK20SL18-13V-6096 | 1731121036 |
| | | -6097 | FK20SL18-13V-6097 | |
| FK20SL- | 02V | -5783 | FK20SL-02V-5783 | 1731120214 |
| | | -6096 | FK20SL-02V-6096 | 1731120730 |
| | | -6097 | FK20SL-02V-6097 | 1731120731 |
| | 08V | -5783 | FK20SL-08V-5783 | 1731120215 |
| | | -6096 | FK20SL-08V-6096 | 1731120732 |
| | | -6097 | FK20SL-08V-6097 | 1731120733 |
| | 13V | -5783 | FK20SL-13V-5783 | 1731120216 |
| | | -6096 | FK20SL-13V-6096 | |
| | | -6097 | FK20SL-13V-6097 | |
| FK20SL26- | 02V | -5783 | FK20SL26-02V-5783 | 1731120220 |
| | | -6096 | FK20SL26-02V-6096 | 1731120734 |
| | | -6097 | FK20SL26-02V-6097 | 1731120735 |
| | 08V | -5783 | FK20SL26-08V-5783 | 1731120221 |
| | | -6096 | FK20SL26-08V-6096 | 1731120736 |
| | | -6097 | FK20SL26-08V-6097 | |
| | 13V | -5783 | FK20SL26-13V-5783 | |
| | | -6096 | FK20SL26-13V-6096 | |
| | | -6097 | FK20SL26-13V-6097 | |

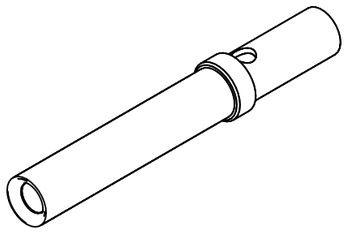
| Type | Surface | Mod. | FCT Part Number | Material Number |
|---|---|---|---|---|
| FK20S18- | 02V | -5783 | FK20S18-02V-5783 | 1731120211 |
| | | -6096 | FK20S18-02V-6096 | 1731121030 |
| | | -6097 | FK20S186-02V-6097 | 1731121031 |
| | 08V | -5783 | FK20S18-08V-5783 | |
| | | -6096 | FK20S18-08V-6096 | |
| | | -6097 | FK20S18-08V-6097 | |
| | 13V | -5783 | FK20S18-13V-5783 | 1731120212 |
| | | -6096 | FK20S18-13V-6096 | 1731121032 |
| | | -6097 | FK20S18-13V-6097 | |
| FK20S- | 02V | -5783 | FK20S-02V-5783 | 1731120209 |
| | | -6096 | FK20S-02V-6096 | |
| | | -6097 | FK20S-02V-6097 | 1731120725 |
| | 08V | -5783 | FK20S-08V-5783 | |
| | | -6096 | FK20S-08V-6096 | |
| | | -6097 | FK20S-08V-6097 | |
| | 13V | -5783 | FK20S-13V-5783 | 1731120210 |
| | | -6096 | FK20S-13V-6096 | 1731120726 |
| | | -6097 | FK20S-13V-6097 | 1731120727 |
| FK20S26- | 02V | -5783 | FK20S26-02V-5783 | |
| | | -6096 | FK20S26-02V-6096 | |
| | | -6097 | FK20S26-02V-6097 | |
| | 08V | -5783 | FK20S26-08V-5783 | |
| | | -6096 | FK20S26-08V-6096 | |
| | | -6097 | FK20S26-08V-6097 | |
| | 13V | -5783 | FK20S26-13V-5783 | 1731120213 |
| | | -6096 | FK20S26-13V-6096 | 1731120728 |
| | | -6097 | FK20S26-13V-6097 | 1731120729 |
| | M1813 (Lead free) | -5783 | FK20S26M1813-5783 | 2186260001 |



PIN
Material: Brass



SOCKET
Material: Copper alloy



SOCKET
Material: Copper alloy with sleeve made of stainless steel

RoHS compliant
by exemption

Availability on request, also nonmagnetic contacts.
Crimping Tools see catalogue.
Crimping Guideline see document: 2195600650
Packaging specification: 1731120004-PK

## FCT Part Number Example FK20SL-08V-5783

Crimp socket contact for wire size AWG 20-24.
Plating 0.8µm Au over Ni.
Packing see packaging specification.

| | | | | |
|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/01/20 | 08:14:33 |

UNLESS OTHERWISE SPECIFIED DIMENSIONS FOR REFERENCE ONLY

REPLACEMENT FOR DOCUMENT NUMBER: FK20-XX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± |
| 1 PLACE | ± |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 735728
DRWN: MSTEINBRUECK 2023/01/16
CHK'D: MTEUBEL 2023/01/20
APPR: MTEUBEL 2023/01/20

INITIAL REVISION:
DRWN: GOOLAM 2021/09/27
APPR: MTEUBEL 2023/01/13

FIRST ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 173112

molex

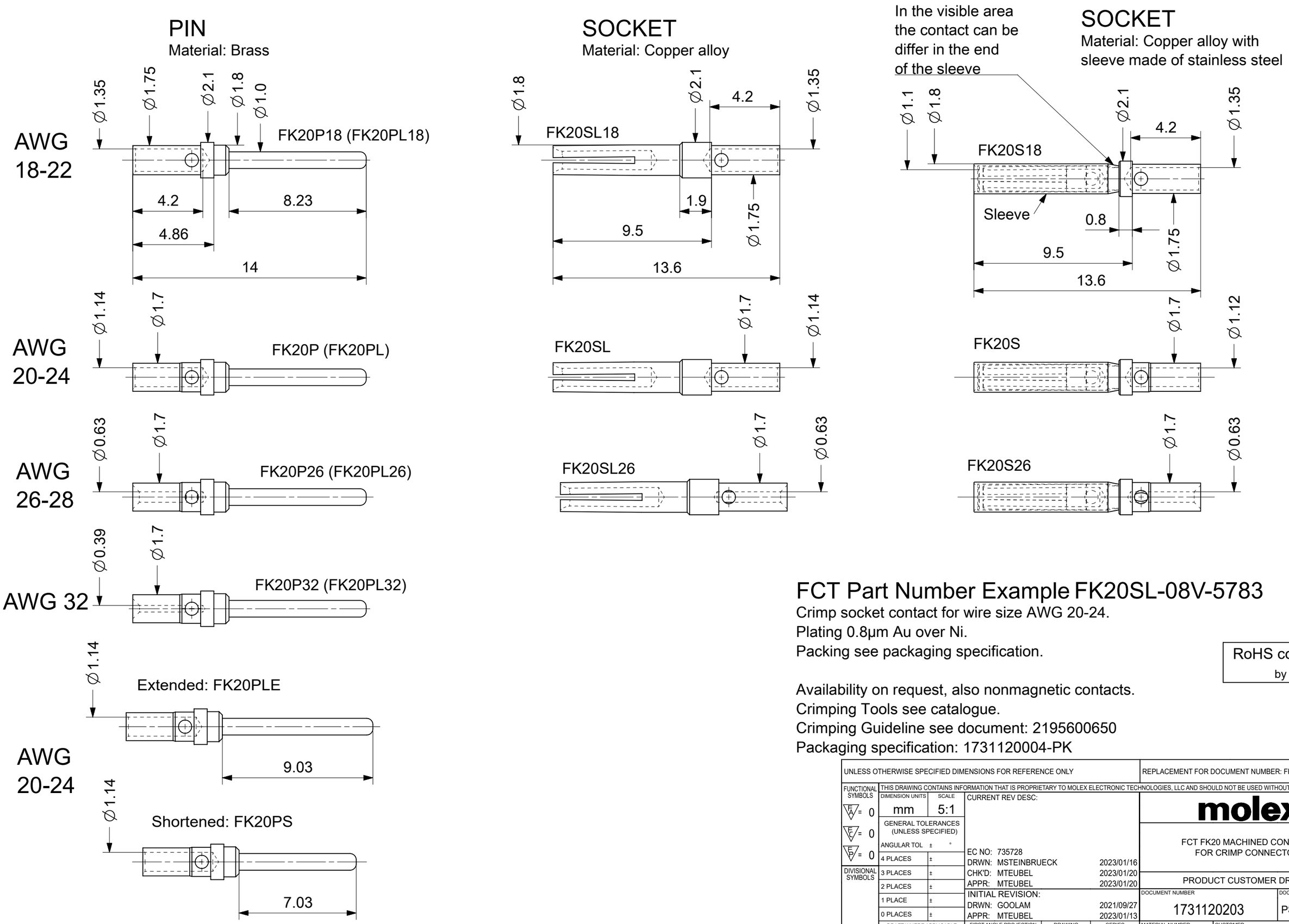
FCT FK20 MACHINED CONTACTS FOR CRIMP CONNECTORS

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1731120203 | PSD | 000 | A1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 1 OF 2 |

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01




# FCT Part Number Example FK20SL-08V-5783

Crimp socket contact for wire size AWG 20-24.
Plating 0.8µm Au over Ni.
Packing see packaging specification.

RoHS compliant
by exemption

Availability on request, also nonmagnetic contacts.
Crimping Tools see catalogue.
Crimping Guideline see document: 2195600650
Packaging specification: 1731120004-PK

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DIVISIONAL SYMBOLS

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 5:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± |
| 1 PLACE | ± |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 735728
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APPR: MTEUBEL 2023/01/20

INITIAL REVISION:
DRWN: GOOLAM 2021/09/27
APPR: MTEUBEL 2023/01/13

FIRST ANGLE PROJECTION

| DRAWING | SERIES |
|---|---|
| A3-SIZE | 173112 |

molex

FCT FK20 MACHINED CONTACTS FOR CRIMP CONNECTORS

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 1731120203 | PSD | 000 | A1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 2 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/01/20 08:14:33 |
|---|---|---|---|

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01