



FCT Part number:
Fy*1)xx*2)P7-K120
e.g. FL15P7-K120

*1) y for series FL or FU
*2) xx No. of contacts 09, 15, 25 or 37

| Material Number | y*1) | xx*2) | A[mm] | B[mm] | C[mm] |
|-----------------|------|-------|-------|-------|-------|
| 1727040009 | L | 09 | 30.8 | 16.9 | 25 |
| 1731090295 | U | | | | |
| 1727040001 | L | 15 | 39.1 | 25.2 | 33.3 |
| 1731090327 | U | | | | |
| 1727040003 | L | 25 | 53 | 38.9 | 47.04 |
| 1731090315 | U | | | | |
| 1727040005 | L | 37 | 69.3 | 55.3 | 63.5 |
| 1731090516 | U | | | | |

Technical data for modification (FU)

Crimp contacts FK20P (AWG 20-24/1.3µm Au) included in delivery

RoHS compliant
by exemption

| No. | Pc. | Part | Type Description/Material | Surface plating/Color/Class |
|-----|-----|----------------------|---------------------------|-----------------------------|
| 3 | 1 | Shell | Steel | tin plated |
| 2 | 1 | Insulator rear part | PEI (-55°C to +130°C) | green |
| 1 | 1 | Insulator front part | PBT acc. UL94V-0 | green |

Technical data for modification (FL)

Crimp contacts not supplied with connector. Contacts must be ordered separately.

RoHS compliant

| No. | Pc. | Part | Type Description/Material | Surface plating/Color/Class |
|-----|-----|----------------------|---------------------------|-----------------------------|
| 3 | 1 | Shell | Steel | tin plated |
| 2 | 1 | Insulator rear part | PA (-55°C to +115°C) | black |
| 1 | 1 | Insulator front part | PBT acc. UL94V-0 | black |

MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m

REPLACEMENT FOR DOCUMENT NUMBER: FyxxP7-K120

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|--------------------|---|-------------------|---|-----------------|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC: | | molex |
| △/A = 0 | DIMENSION UNITS: mm | SCALE: 2:1 | EC NO: 717924 DRWN: SKANDB 2022/03/21 CHK'D: MTEUBEL 2022/08/18 APPR: MTEUBEL 2022/08/18 | |
| △/E = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| △/F = 0 | ANGULAR TOL ± ° | | | |
| DIVISIONAL SYMBOLS | 4 PLACES ± | 3 PLACES ± | INITIAL REVISION: | DOCUMENT NUMBER |
| | 2 PLACES ± | 1 PLACE ± | DRWN: SKANDB 2022/03/21 | 1727040009 |
| | 0 PLACES ± | | APPR: MTEUBEL 2022/08/18 | DOC TYPE |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | FIRST ANGLE PROJECTION | DOC PART |
| | | | DRAWING: A3-SIZE | 000 |
| | | | SERIES: 172704 | REVISION |
| | | | MATERIAL NUMBER: SEE TABLE | A |
| | | | CUSTOMER: GENERAL MARKET | |
| | | | | SHEET NUMBER |
| | | | | 1 OF 1 |