

COWI PARTS
ALL DIMENSIONS ARE RESERVED BY US FOR THIS DRAWING. WITHOUT OUR PRIOR CONSENT,
IT MAY NEITHER BE REPRODUCED NOR MADE AVAILABLE TO A THIRD PARTY.
AND IT ALSO MAY NOT BE IMPROPERLY USED BY THE RECEIVER, OR A THIRD PARTY.

FK20P - (AWG 20-24)		
FCT Part Number	Material Number	Info
FK20P-02V-5783	1731120200	
FK20P-02V-6096	1731120715	
FK20P-02V-6097	1731120716	
FK20P-08V-5783	1731120201	
FK20P-08V-6096	1731120717	
FK20P-08V-6097	1731120718	
FK20P-13V-5783	1731120202	
FK20P-13V-6096	1731120719	
FK20P-13V-6097	1731120720	
FK20P-13V/CU-5783	1731140215	nonmagnetic
FK20P-M1813-5783	1731121908	Lead free 1)
FK20P-M1809-6096	1731141080	nonmagnetic

FK20SL - (AWG 20-24)		
FCT Part Number	Material Number	Info
FK20SL-02V-5783	1731120214	
FK20SL-02V-6096	1731120730	
FK20SL-02V-6097	1731120731	
FK20SL-08V-5783	1731120215	
FK20SL-08V-6096	1731120732	
FK20SL-08V-6097	1731120733	
FK20SL-13V-5783	1731120216	
FK20SL-13V-6096	1731121740	
FK20SL-13V-6097		
FK20SL-13V/CU-5783	1731140216	nonmagnetic
FK20SL-M1809-6096	1731141081	nonmagnetic

FK20S - (AWG 20-24)		
FCT Part Number	Material Number	Info
FK20S-02V-5783	1731120209	
FK20S-02V-6096		
FK20S-02V-6097	1731120725	
FK20S-08V-5783		
FK20S-08V-6096		
FK20S-08V-6097		
FK20S-13V-5783	1731120210	
FK20S-13V-6096	1731120726	
FK20S-13V-6097	1731120727	
FK20S-M1813-5783	1731121909	Lead free 1)

RoHS compliant
by exemption

FK20P18 - (AWG 18-22)		
FCT Part Number	Material Number	Info
FK20P18-02V-5783	1731120203	
FK20P18-02V-6096	1731120753	
FK20P18-02V-6097	1731121028	
FK20P18-08V-5783	1731120204	
FK20P18-08V-6096		
FK20P18-08V-6097		
FK20P18-13V-5783	1731120205	
FK20P18-13V-6096	1731121029	
FK20P18-13V-6097		
FK20P18-M1813-5783	1731121910	Lead free 1)

FK20SL18 - (AWG 18-22)		
FCT Part Number	Material Number	Info
FK20SL18-02V-5783	1731120217	
FK20SL18-02V-6096	1731121033	
FK20SL86-02V-6097	1731121034	
FK20SL18-08V-5783	1731120218	
FK20SL18-08V-6096		
FK20SL18-08V-6097		
FK20SL18-13V-5783	1731120219	
FK20SL18-13V-6096	1731121036	
FK20SL18-13V-6097		

FK20S18 - (AWG 18-22)		
FCT Part Number	Material Number	Info
FK20S18-02V-5783	1731120211	
FK20S18-02V-6096	1731121030	
FK20S86-02V-6097	1731121031	
FK20S18-08V-5783		
FK20S18-08V-6096		
FK20S18-08V-6097		
FK20S18-13V-5783	1731120212	
FK20S18-13V-6096	1731121032	
FK20S18-13V-6097		
FK20S18-M1813-5783	1731121911	Lead free 1)

FK20P26 - (AWG 26-28)		
FCT Part Number	Material Number	Info
FK20P26-02V-5783	1731120206	
FK20P26-02V-6096	1731120721	
FK20P26-02V-6097	1731120722	
FK20P26-08V-5783	1731120207	
FK20P26-08V-6096		
FK20P26-08V-6097		
FK20P26-13V-5783	1731120208	
FK20P26-13V-6096	1731120723	
FK20P26-13V-6097	1731120724	
FK20P26-M1813-5783	1731121912	Lead free 1)
FK20P26-M1809-6096	1731141084	nonmagnetic

FK20SL26 - (AWG 26-28)		
FCT Part Number	Material Number	Info
FK20SL26-02V-5783	1731120220	
FK20SL26-02V-6096	1731120734	
FK20SL26-02V-6097	1731120735	
FK20SL26-08V-5783	1731120221	
FK20SL26-08V-6096	1731120736	
FK20SL26-08V-6097		
FK20SL26-13V-5783		
FK20SL26-13V-6096		
FK20SL26-13V-6097		
FK20SL26-M1809-6096	1731141085	nonmagnetic

FK20S26 - (AWG 26-28)		
FCT Part Number	Material Number	Info
FK20S26-02V-5783		
FK20S26-02V-6096		
FK20S26-02V-6097		
FK20S26-08V-5783		
FK20S26-08V-6096		
FK20S26-08V-6097		
FK20S26-13V-5783	1731120213	
FK20S26-13V-6096	1731120728	
FK20S26-13V-6097	1731120729	
FK20S26-M1813-5783	2186260001	Lead free 1)

FK20P32 - (AWG 32)		
FCT Part Number	Material Number	Info
FK20P32-M1809-6096	1731141082	nonmagnetic

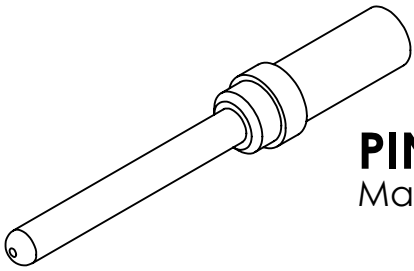
FK20SL32 - (AWG 32)		
FCT Part Number	Material Number	Info
FK20SL32-M1809-6096	1731141083	nonmagnetic

1) RoHS compliant

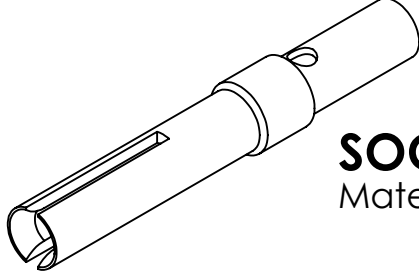
Ordering Example FK20SL-08V-5783

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

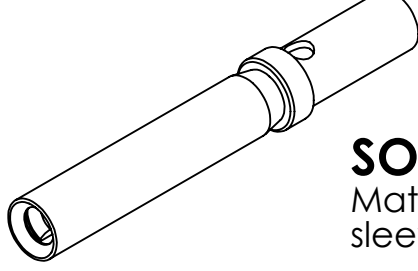
Availability on request, also nonmagnetic contacts.
Crimping Tools see catalogue.
Crimping Guideline see document: AM0650 (2195600650)
Packaging specification: 1731120004-PK



PIN (P)
Material: Brass



SOCKET (SL)
Material: Copper alloy



SOCKET (S)
Material: Copper alloy with
sleeve made of stainless steel

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	MEASUREMENTS WITHOUT TOLERANCE ACC. TO ISO 2768-mK
	mm	5:1	
			CURRENT REVISION
			DRWN: DRAWN BY mteubel 08-07-2025 APPR: APPR BY msteinbrueck 09-07-2025
			INITIAL REVISION
	14	24140	
	13	24140	DRWN: DRAWN BY sschref 23-04-2015 APPR: APPR BY jmairose 27-04-2015
	REV.	CH.-NO.	
REPLACEMENT FOR:		FIRST ANGLE PROJECTION	DRAWING
			A2-SIZE
		DOCUMENT NUMBER	
		FK20-xx	
		CUSTOMER	SHEET NUMBER
		GENERAL MARKET	1 OF 1

molex

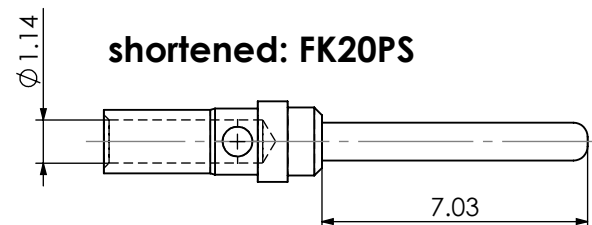
FCT Machined Contacts
for Crimp Connectors

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER
see table

REVISION
14

**AWG
20-24**



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		MEASUREMENTS WITHOUT TOLERANCE ACC. TO ISO 2768-mK			molex FCT Machined Contacts for Crimp Connectors				
	mm		5:1									
			CURRENT REVISION									
			DRWN: DRAWN BY mteubel 08-07-2025									
			APPR: APPR BY msteinbrueck 09-07-2025			PRODUCT CUSTOMER DRAWING						
			INITIAL REVISION									
	14 24140		DRWN: DRAWN BY sschref 23-04-2015									
	13 24140		APPR: APPR BY jmairse 27-04-2015									
	REV. CH.-NO.					MATERIAL NUMBER			REVISION			
					see table			14				
REPLACEMENT FOR:			FIRST ANGLE PROJECTION		DRAWING		DOCUMENT NUMBER			CUSTOMER		SHEET NUMBER
					A3-SIZE		FK20-xx			GENERAL MARKET		1 OF 1