

10

9

8

7

6

5

4

3

2

1

AWG	Type	Surface	Mod.	FCT Part Number	Material Number	Type	Surface	Mod.	FCT Part Number	Material Number	Type	Surface	Mod.	FCT Part Number	Material Number				
AWG 18-22	FK20P18-	02V	-5783	FK20P18-02V-5783	1731120203	FK20SL18-	02V	-5783	FK20SL18-02V-5783	1731120217	FK20S18-	02V	-5783	FK20S18-02V-5783	1731120211				
			-6096	FK20P18-02V-6096	1731120753			-6096	FK20SL18-02V-6096	1731121033			-6096	FK20S18-02V-6096	1731121030				
			-6097	FK20P18-02V-6097	1731121028			-6097	FK20SL186-02V-6097	1731121034			-6097	FK20S186-02V-6097	1731121031				
		08V	-5783	FK20P18-08V-5783	1731120204		08V	-5783	FK20SL18-08V-5783	1731120218		08V	-5783	FK20S18-08V-5783					
			-6096	FK20P18-08V-6096				-6096	FK20SL18-08V-6096				-6096	FK20S18-08V-6096					
			-6097	FK20P18-08V-6097				-6097	FK20SL18-08V-6097				-6097	FK20S18-08V-6097					
		13V	-5783	FK20P18-13V-5783	1731120205		13V	-5783	FK20SL18-13V-5783	1731120219		13V	-5783	FK20S18-13V-5783	1731120212				
			-6096	FK20P18-13V-6096	1731121029			-6096	FK20SL18-13V-6096	1731121036			-6096	FK20S18-13V-6096	1731121032				
			-6097	FK20P18-13V-6097				-6097	FK20SL18-13V-6097				-6097	FK20S18-13V-6097					
		AWG 20-24	FK20P-	02V	-5783		FK20P-02V-5783	1731120200	FK20SL-	02V		-5783	FK20SL-02V-5783	1731120214	FK20S-	02V	-5783	FK20S-02V-5783	1731120209
					-6096		FK20P-02V-6096	1731120715				-6096	FK20SL-02V-6096	1731120730			-6096	FK20S-02V-6096	
-6097	FK20P-02V-6097				1731120716	-6097	FK20SL-02V-6097	1731120731			-6097	FK20S-02V-6097	1731120725						
08V	-5783			FK20P-08V-5783	1731120201	08V	-5783	FK20SL-08V-5783		1731120215	08V	-5783	FK20S-08V-5783						
	-6096			FK20P-08V-6096	1731120717		-6096	FK20SL-08V-6096		1731120732		-6096	FK20S-08V-6096						
	-6097			FK20P-08V-6097	1731120718		-6097	FK20SL-08V-6097		1731120733		-6097	FK20S-08V-6097						
13V	-5783			FK20P-13V-5783	1731120202	13V	-5783	FK20SL-13V-5783		1731120216	13V	-5783	FK20S-13V-5783	1731120210					
	-6096			FK20P-13V-6096	1731120719		-6096	FK20SL-13V-6096				-6096	FK20S-13V-6096	1731120726					
	-6097			FK20P-13V-6097	1731120720		-6097	FK20SL-13V-6097				-6097	FK20S-13V-6097	1731120727					
AWG 26-28	FK20P26-			02V	-5783	FK20P26-02V-5783	1731120206	FK20SL26-		02V	-5783	FK20SL26-02V-5783	1731120220	FK20S26-		02V	-5783	FK20S26-02V-5783	
					-6096	FK20P26-02V-6096	1731120721				-6096	FK20SL26-02V-6096	1731120734				-6096	FK20S26-02V-6096	
		-6097	FK20P26-02V-6097		1731120722	-6097	FK20SL26-02V-6097		1731120735		-6097	FK20S26-02V-6097							
		08V	-5783	FK20P26-08V-5783	1731120207	08V	-5783		FK20SL26-08V-5783	1731120221	08V	-5783	FK20S26-08V-5783						
			-6096	FK20P26-08V-6096			-6096		FK20SL26-08V-6096	1731120736		-6096	FK20S26-08V-6096						
			-6097	FK20P26-08V-6097			-6097		FK20SL26-08V-6097			-6097	FK20S26-08V-6097						
		13V	-5783	FK20P26-13V-5783	1731120208	13V	-5783		FK20SL26-13V-5783		13V	-5783	FK20S26-13V-5783		1731120213				
			-6096	FK20P26-13V-6096	1731120723		-6096		FK20SL26-13V-6096			-6096	FK20S26-13V-6096		1731120728				
			-6097	FK20P26-13V-6097	1731120724		-6097		FK20SL26-13V-6097			-6097	FK20S26-13V-6097		1731120729				
		AWG 20-24	FK20PS-	08V	-6096	FK20PS-08V-6096	1731120752												

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.

UNLESS OTHERWISE SPECIFIED DIMENSIONS FOR REFERENCE ONLY				REPLACEMENT FOR DOCUMENT NUMBER: FK20-XX								
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 FCT FK20 MACHINED CONTACTS FOR CRIMP CONNECTORS							
	DIMENSION UNITS		SCALE									
	mm		5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL		±	°	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							
4 PLACES		±										
3 PLACES		±										
2 PLACES		±										
1 PLACE		±										
DIVISIONAL SYMBOLS	0 PLACES		±	DOCUMENT NUMBER 1731120203 DOC TYPE PSD DOC PART 000 REVISION A1								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION					DRAWING A3-SIZE		SERIES 173112		
				MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2				

DOCUMENT STATUS

P1

RELEASE DATE

2023/01/20

08:14:33

9

8

7

6

5

4

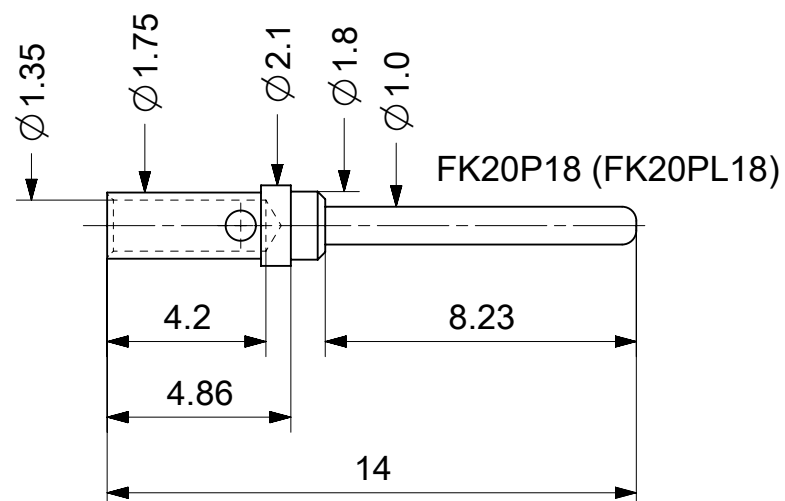
3

2

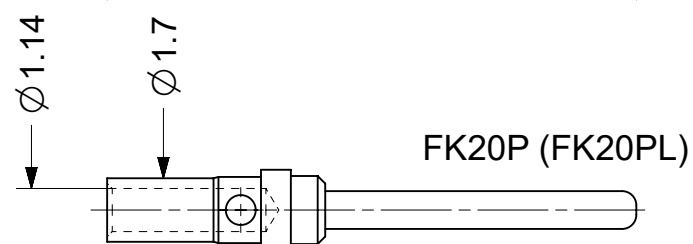
1

Material: Brass

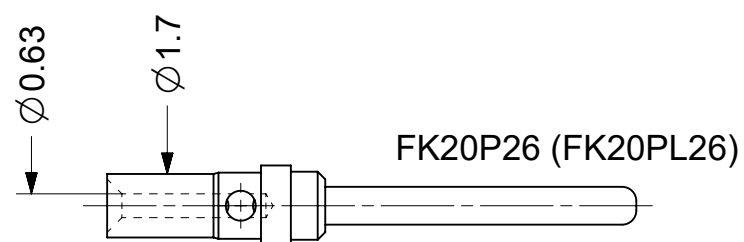
AWG
18-22



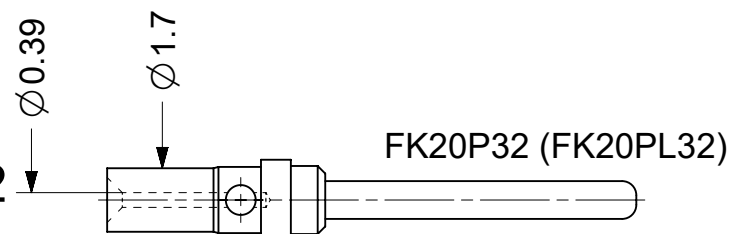
AWG
20-24



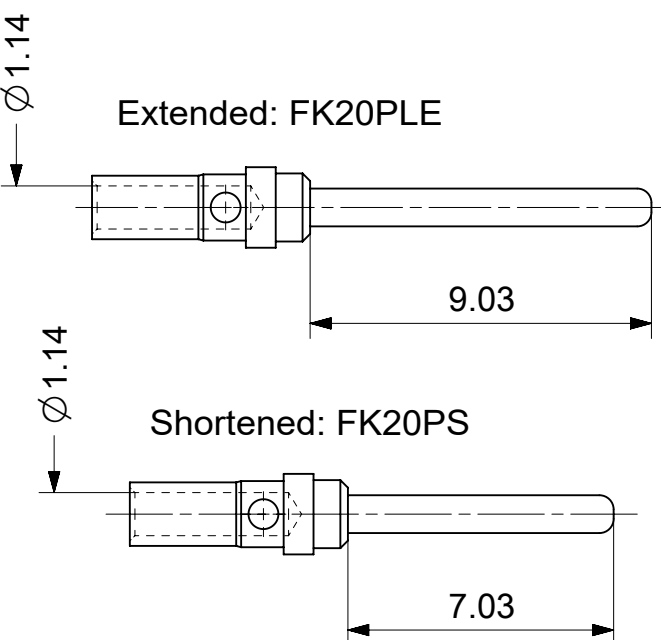
AWG
26-28



AWG 32

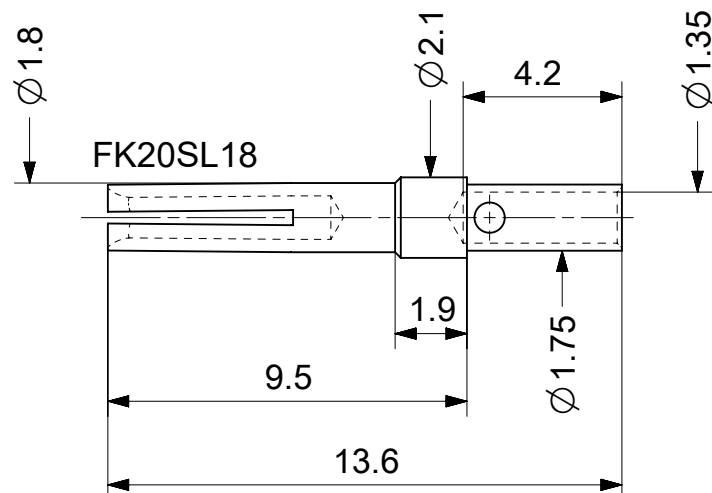


AWG
20-24

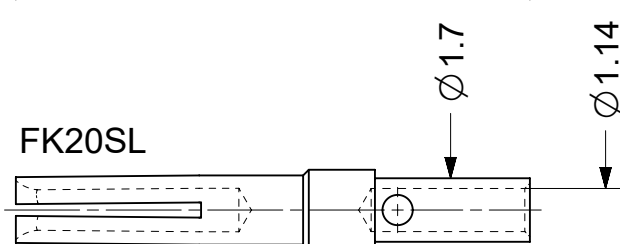


Material: Copper alloy

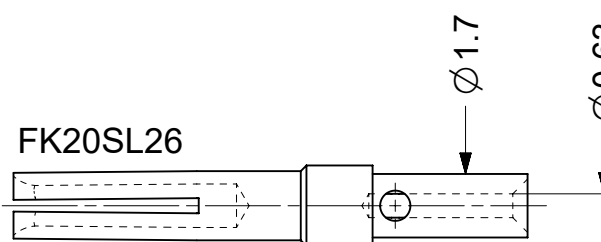
FK20SL18



FK20SL



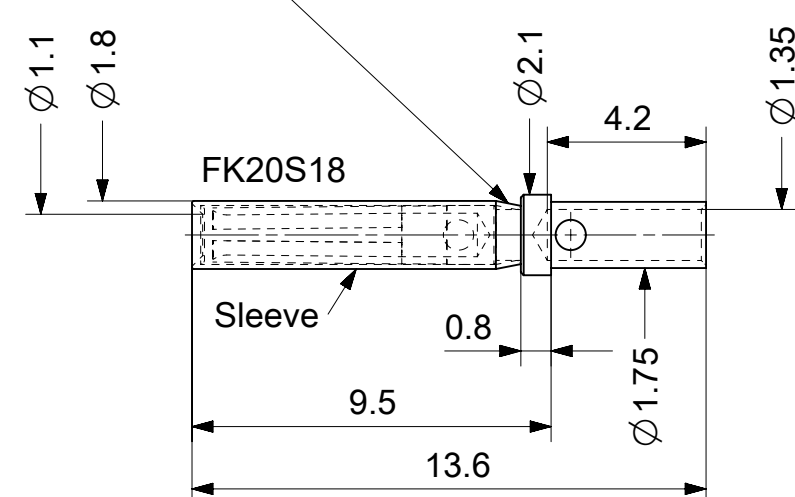
FK20SL26



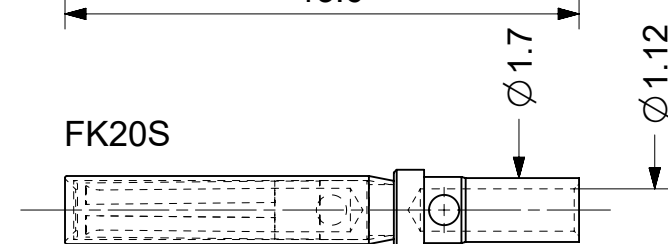
Material: Copper alloy with sleeve made of stainless steel

In the visible area
the contact can be
differ in the end
of the sleeve

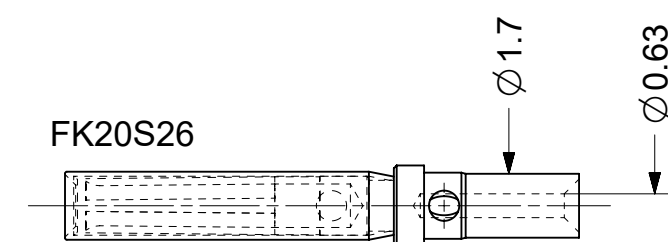
FK20S18



FK20S



FK20S26



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.

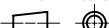
RoHS compliant
by exemption

Availability on request, also nonmagnetic contacts.

Crimping Tools see catalogue.

Crimping Guideline see document: 2195600650

Packaging specification: 1731120004-PK

UNLESS OTHERWISE SPECIFIED DIMENSIONS FOR REFERENCE ONLY										REPLACEMENT FOR DOCUMENT NUMBER: FK20-XX																					
FUNCTIONAL SYMBOLS F_A = 0 F_E = 0 F_P = 0		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		molex FCT FK20 MACHINED CONTACTS FOR CRIMP CONNECTORS											
		CURRENT REV DESC:																													
		DIMENSION UNITS				SCALE				EC NO: 735728 DRWN: MSTEINBRUECK2023/01/16 CHK'D: MTEUBEL2023/01/20 APPR: MTEUBEL2023/01/20 INITIAL REVISION: DRWN: GOOLAM2021/09/27 APPR: MTEUBEL2023/01/13																					
		mm				5:1																									
		GENERAL TOLERANCES (UNLESS SPECIFIED)																													
		ANGULAR TOL ± °																													
		4 PLACES ±																													
		DIVISIONAL SYMBOLS		3 PLACES ±								PRODUCT CUSTOMER DRAWING																			
				2 PLACES ±																											
1 PLACE ±								DOCUMENT NUMBER 1731120203																							
0 PLACES ±																		DOC TYPE PSD													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								FIRST ANGLE PROJECTION 				DRAWING A3-SIZE				SERIES 173112												MATERIAL NUMBER SEE TABLE			