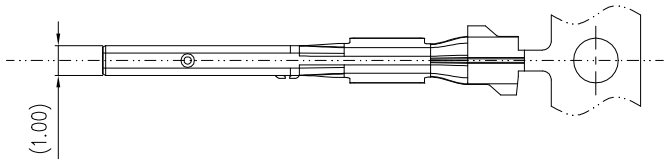
© 2016 AFCI

Amphenol FCi

PART NUMBER
10153126-YXZLF

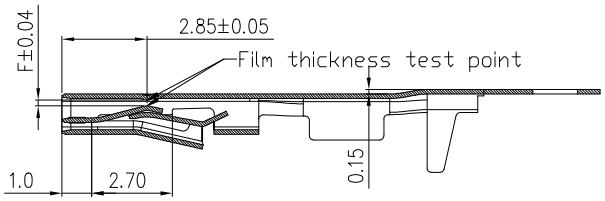


NOTES:
1. MATERIAL: C7025 TM03, T=0.15±0.01mm.
   C7025 TM00(GOLD PLATED), T=0.15±0.01mm.
2. OPERATING TERPERATURE: −40°C~100°C
3. TERMINAL TO TERMINAL MAXIMUN INSERTION FORCE IS 5N.
4. FINISHED: REFER TO P/N SYSTEM.
5. UNLESS OTHERWISE SPECIFIED, ALL INNER RADII ARE R0.10mm.
6. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5-2009.
7. THE CRIMPING DATA FOR TERMINAL REFERENCE GS-20-0594.
8. PART NUMBER: 10153126 − X Y Z LF

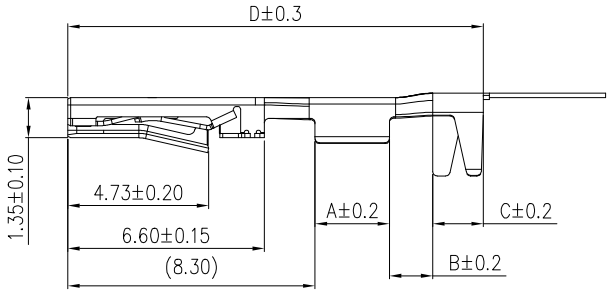
CONTACT PLATING:
3=0.76um Gold on mating area with lubrication
4=Full Reflow Tin 1~2.5um Plated Cu underplated.
5=Full Reflow Tin 1~2.5um Plated Ni under plated
⚠6=0.25um Gold on mating area with lubrication

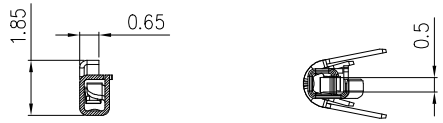
FOR CUSTOMER CODE
WIRE SIZE RANGE:
1=0.13 to 0.17mm²
2=0.22 to 0.35mm²

TERMINAL TYPE :
C=TYPE A (USCAR V1)
T=TYPE B (USCAR V2)
S=TYPE A (USCAR V1)

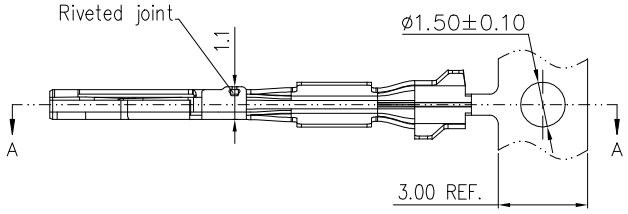


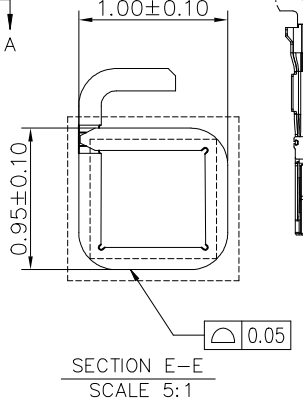
SECTION A-A



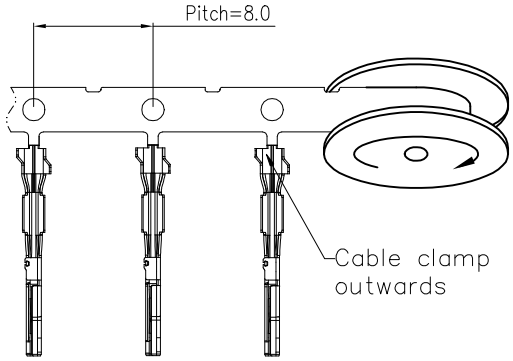


SECTION C-C

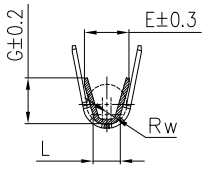




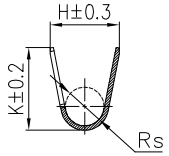
SECTION E-E
SCALE 5:1



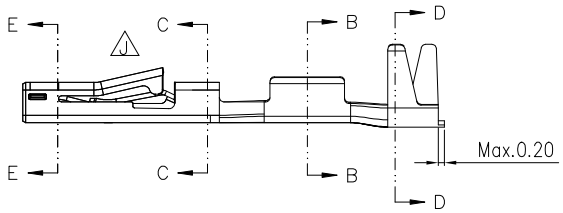
After stamping and plating
SCALE 1:2



SECTION B-B



SECTION D-D



PART NUMBER	WIRE SIZE RANGE [mm²]	LENGTH	DRAHTCRIMP WIRE CRIMP [mm]	SO CRIMP INSULATION CRIMP [mm]	F [GAP]
10153126-XY2	0.22 to 0.35	A=2.50	Rw=0.3	Rs=1.0 H=1.9 K=1.9	0.20
		B=1.45	E=1.7		
		C=1.7	G=1.5		
		D=13.95	L=1.05		
10153126-XY1	0.13 to 0.17	A=2.50	Rw=0.3	Rs=0.9 H=1.9 K=1.8	
		B=1.45	E=1.6		
		C=1.7	G=1.15		
		D=13.95	L=0.9		

ltr	ecn no	dr	date
H	ELX-N-52001	JW.Z	04/12/2024
J	ELX-N-57620	JW.Z	07/15/2025
K	ELX-N-309076	JW.Z	05/15/2026
E	ELX-N-40676	DW	04/14/2021
F	ELX-N-48941	JW.Z	08/03/2023
G	ELX-N-49366	JW.Z	09/26/2023

mat'l. code
surface ISO 1302 | tolerance ISO 406/ISO 1101
tolerances unless otherwise specified
angles 0°±2° | linear .0±.5 | .00±.25 | .000±.010
projection
mm
scale 1:1

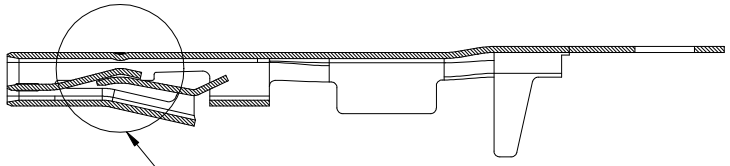
dr	NICK ZHANG	05/22/19
engr	NICK ZHANG	05/22/19
chr	ZK HU	05/22/19
appd	TIM YAO	05/22/19

sheet index | revision K | sheet 1~2

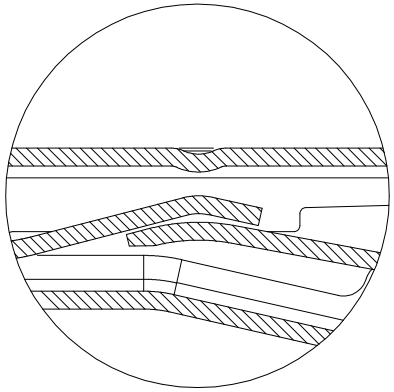
product family: HPL649
title: CABLE TERMINAL
WireLock® Series Cable Kits
dwg no 10153126 | sheet 1 of 2 | size A4
type Product Customer Drawing

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PART NUMBER
10153126-XYZLF

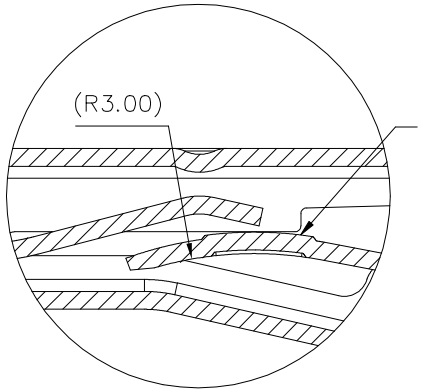


SECTION A-A



DETAIL M
SCALE: 3:1

TERMINAL TYPE A
FOR PART NO.:10153126-XCZLF/XSZLF



DETAIL M
SCALE: 3:1

TERMINAL TYPE B
FOR PART NO.:10153126-XTZLF

mat'l. code				surface ISO 1302	tolerance ISO 406/ISO 1101	projection	product family HPL649
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
K				angles	.0±.5	mm	CABLE TERMINAL
				linear	.00±.25		WireLock® Series Cable Kits
				0°±2°	.000±.010	scale 1:1	
				dr	NICK ZHANG	05/22/19	dwg no 10153126 sheet 2 of 2 size A4
				engr	NICK ZHANG	05/22/19	
				chr	ZK HU	05/22/19	
				appd	TIM YAO	05/22/19	type Product Customer Drawing
sheet index	revision sheet	K 1~2					

form: A4mmXLc-2016-02-24

PDS: Rev :K STATUS:Released Printed: Sep 30, 2026