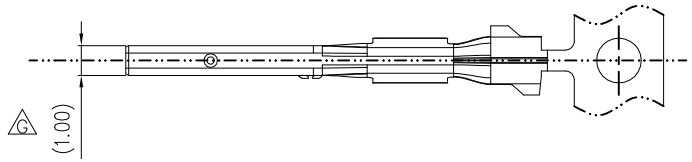
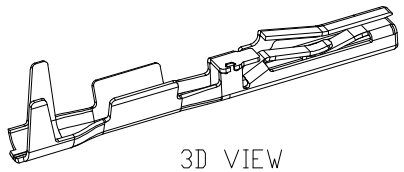
© 2016 AFCI

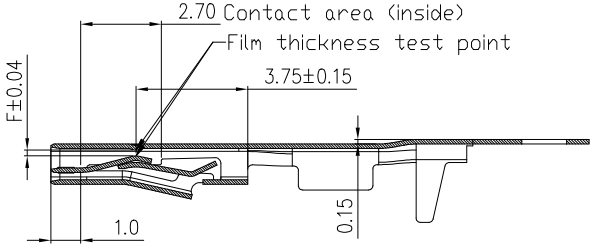
Amphenol FCi

PART NUMBER
10153126-YXZLF

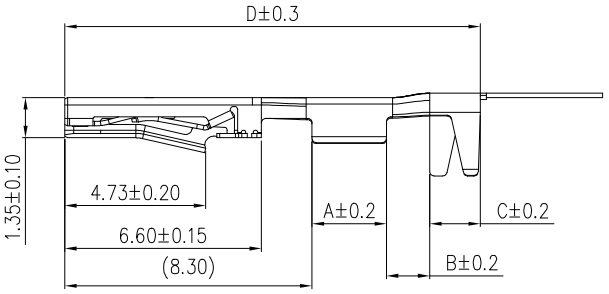




3D VIEW



SECTION A-A



NOTES:

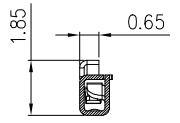
1. MATERIAL: C7025 TM03, T=0.15±0.01mm.
   C7025 TM00(GOLD PLATED), T=0.15±0.01mm.
2. FINISHED: REFER TO P/N SYSTEM.
3. UNLESS OTHERWISE SPECIFIED, ALL INNER RADII ARE R0.10mm.
4. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5-2009.
5. PART NUMBER: 10153126 - X Y Z LF

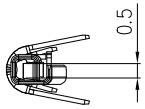
CONTACT PLATING:
0=Full Tin 1~2.5um Plated
1=0.15um Gold on mating area
2=0.375um Gold on mating area with lubrication
3=0.75um Gold on mating area with lubrication
4=Full Reflow Tin 1~2.5um Plated Cu underplated.
5=Full Reflow Tin 1~2.5um Plated Ni under plated

FOR CUSTOMER CODE

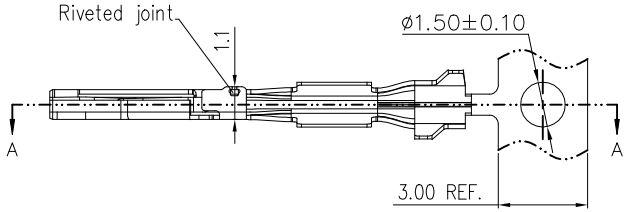
WIRE SIZE RANGE:
1=0.13 to 0.17mm²
2=0.22 to 0.35mm²

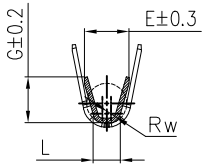
TERMINAL TYPE :
C=TYPE A (MEET USCAR V1 LEVEL)
T=TYPE B (MEET USCAR V2 LEVEL)



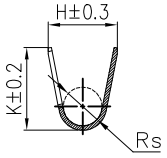


SECTION C-C

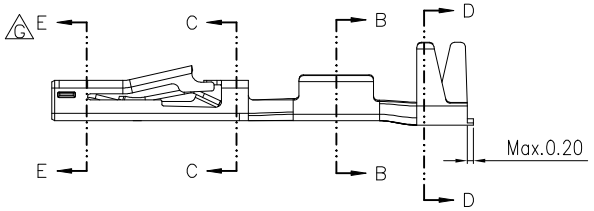


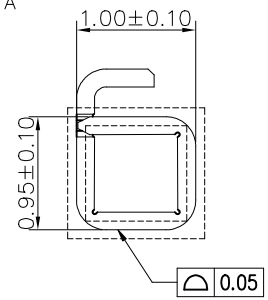


SECTION B-B

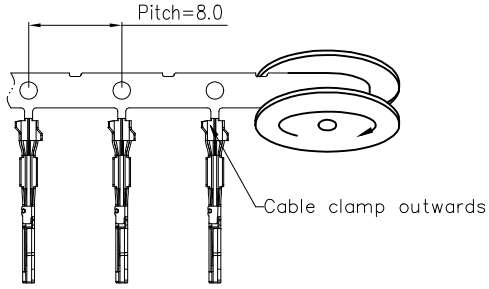


SECTION D-D





G SECTION E-E
SCALE 4:1



After stamping and plating

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 B=1.45 C=1.7 D=13.95	Rw=0.3 E=1.7 G=1.5 L=1.05	Rs=1.0 H=1.9 K=1.9	0.20
10153126-XY1	0.13 to 0.17	A=2.50 B=1.45 C=1.7 D=13.95	Rw=0.3 E=1.6 G=1.15 L=0.9	Rs=0.9 H=1.9 K=1.8	

ltr	ecn no	dr	date
A	NEW DRAWING RELEASE	NICK	08/26/19
B	ELX-N-37059	DW	5/25/2020
C	ELX-N-37519	DW	6/29/2020
D	ELX-N-38784	DW	10/30/2020
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

sheet index | revision E | sheet 1

mat'l. code

surface ISO 1302 | tolerance ISO 406/ISO 1101 | projection

tolerances unless otherwise specified

angles 0°±2° | linear .0±.5 | .00±.25 | .000±.010

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

product family: HPL649

title: CABLE TERMINAL
WireLock® Series Cable Kits

dwg no 10153126 | sheet 1 of 1 | size A4

type Product Customer Drawing