

Product Name:	HPL 510 - SOCKETS	
	SPRING CONTACT SYSTEMS	
Product Manager:	Noel Cui	
Subject:	Notification of Change with Immediate Effectivity	
Distribution:	Affected customers	
Type of Change:	Documentation Change	
Change Description:	Update the drawing	
Reason for Change:	Drawing is corrected to update actual thickness of plating on terminal	
Affected Parts:	See Affected Parts.xls	
Effective Date of Change:	August,10 2026	
Last Time Buy Date:	NA	
Earliest Disty Return Date:	NA	
Last Time Shipment Date	NA	
Datasheet Attached?	Yes	
Qual/Test Data Attached?	Yes	
Samples Availability Date:	29 July ,2026	
Available Alternatives?		
Questions?	<i>Contact your local ACS Representative, or Product Manager</i>	
	<i>Noel Cui / Product Manager</i>	
	<i>Noel.Cui@amphenol-fci.com</i>	

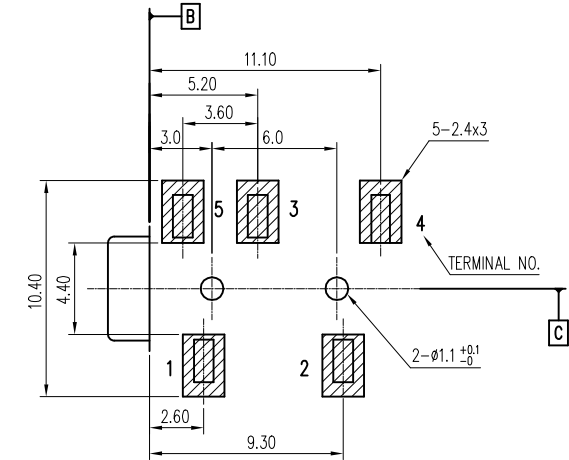
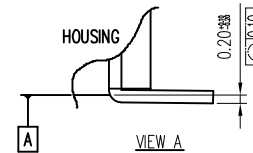
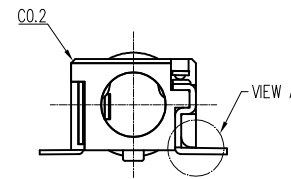
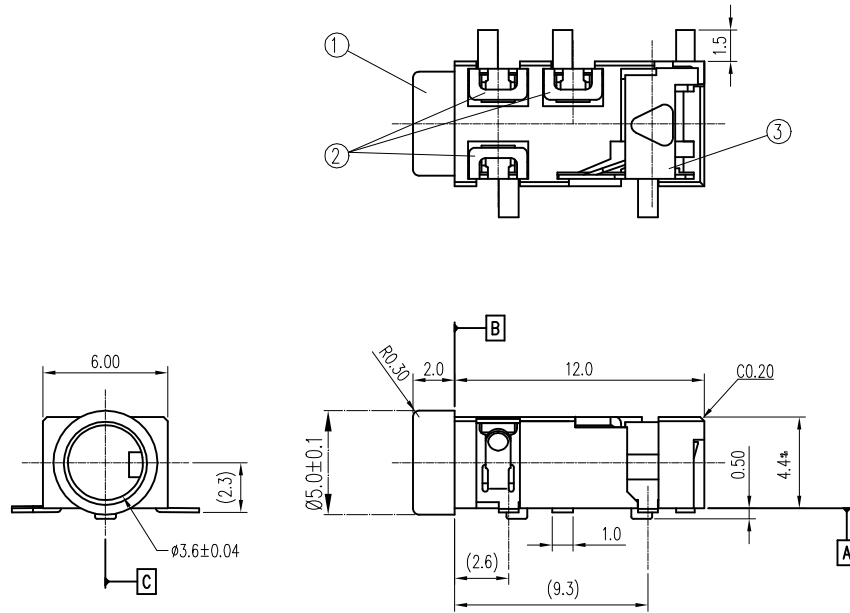
Note:

Customers should contact Product Line Manager (or their local Amphenol Representative) directly regarding any concern on the PCN. Lack of any such customer feedback within three weeks of PCN release date will be interpreted as non-objection .

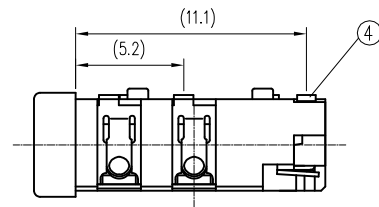
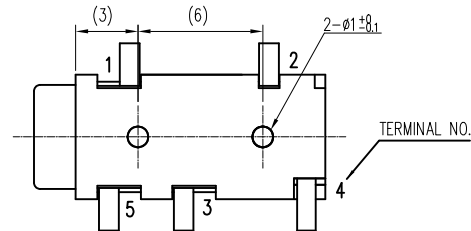
PCN Reference	MPN	Change	Effective Date
PCN26131	10038075-A1PLF	DOCUMENTATION CHAN	AUGUST 10, 2026
PCN26131	10038075-B1PLF	DOCUMENTATION CHAN	AUGUST 10, 2026
PCN26131	10038075-D0P	DOCUMENTATION CHAN	AUGUST 10, 2026
PCN26131	10038075-D1PLF	DOCUMENTATION CHAN	AUGUST 10, 2026
PCN26131	10038075-D1RLF	DOCUMENTATION CHAN	AUGUST 10, 2026
PCN26131	10038075-H1PLF	DOCUMENTATION CHAN	AUGUST 10, 2026
Count:	6		

[illegible]

[illegible]



P.C.B Layout Dimension(Tolerance: ± 0.1)
(Recommend min.Dimension)(top view)



④	BREAK TERMINAL	4	1	C2680	t=0.20
③	TIP SPRING	2	1	C5210	t=0.20
②	CONTACT	1,3,5	3	C5210	t=0.20
①	HOUSING		1	PA9T, UL94V-0	
ITEM	PART NAME	TER'NO	QTY	MATERIAL	

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406 ISO 1101		AUDIO JACK			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
K	ELX-N-288412	TY	2026-07-22	angles	0.X $\pm$ 0.38	mm	Ø3.5 MINIATURE JACK			
				linear	0.XX $\pm$ 0.25					
E	T09-1012	S.LIN	2/16/09	0 $\pm$ 2°	0.XXX $\pm$ 0.10	scale 1:1				
F	ELX-I-010517	SAL	2012-03-06	dr	JASMINE CHAING	2004-09-02	dwg no			
G	ELX-I-012760	SAL	2012-09-10	eng	JASON HSU	2004-09-02	sheet 1 of 4			
H	ELX-I-230988	SAL	2016-01-21	chr	S.ALOSIOUS	2018-03-22	10038075			
J	ELX-I-28646	AN	2018-03-21	app	BIJU K PAUL	2018-03-22	A4			
sheet index				revision	K	K	K	K	type	
				sheet	1	2	3	4	Product Customer Drawing	

NOTES :

MATERIALS :

1. HOUSING a) THERMOPLASTIC, BLACK PA9T. (.)
b) THERMOPLASTIC, BLUE PA9T. (0)
2. CONTACT : PHOSPHER BRONZE(C5210)
3. TIP SPRING : PHOSPHER BRONZE(C5210)
4. BREAK TERMINAL : BRASS.(C2680)

SPECIFICATION :

1. PRODUCT SPEC : GS-12-280.
2. PACKAGING SPEC : GS-14-903.

PLATING SPEC:

TERMINAL PLATING 0: 0.6µm Min. MATTE SILVER PLATED ON ENTIRE
OVER 20µ" Min. SEMI BRIGHT Ni WITH
50µ" Min. Cu UNDERPLATED OVER ALL.

TERMINAL PLATING 1: GOLD FLASH PLATED ON ENTIRE
WITH 30u" Min. NICKEL UNDERPLATED OVER ALL.

LEAD FREE NOTES :

1. THIS PRODUCT (10038075-XXPLF) MEETS THE EUROPEAN UNION DIRECTIVE AS DESCRIBED IN GS-22-008.
2. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, IR OR VAPOUR PHASE REFLOW OVEN.

PART NO.	10038075-AXP	10038075-BXP
CIRCUIT		
PART NO.	10038075-DXP	10038075-HXP
CIRCUIT		
PART NO.		10038075-JXP
CIRCUIT		
PART NO.	10038075-KXP	
CIRCUIT		

TABLE I

PART NUMBERS : 10038075 - X X X X LF

LEAD FREE VERSION

(.) BLANK : BLACK COLOUR
0 : BLUE COLOUR

PACKAGING

P: TAPE&REEL: REFER TO THE PAGE 3.

R: TAPE&REEL IN REVERSE DIRECTION: REFER TO PAGE 4.

TERMINAL PLATING

0 : SILVER.

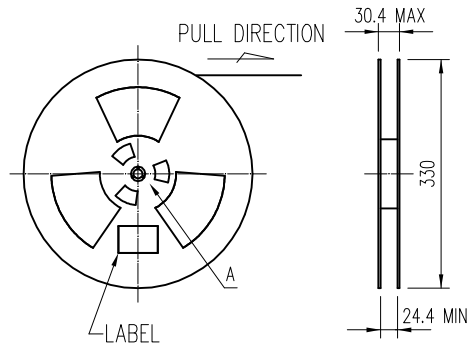
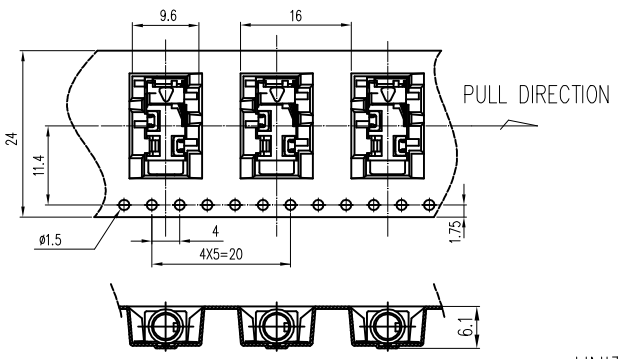
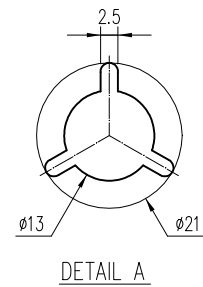
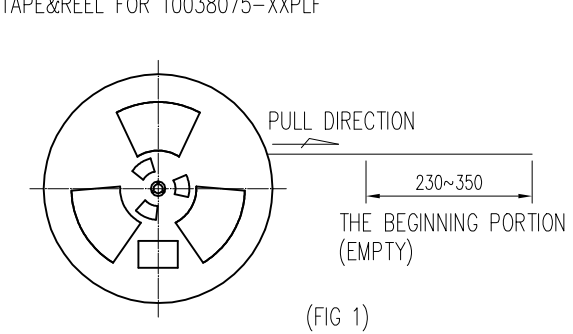
1 : GOLD FLASH.

SEE TABLE I

CONFIGURATION

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family AUDIO JACK					
ltr	ecn no	dr	date	tolerances unless otherwise specified							title Ø3.5 MINIATURE JACK				
K	ELX-N-28412	TY	2026-07-22	angles linear	0.X±0.38										
					0.XX±0.25										
E	T09-1012	S.LIN	2/16/09		0°±2° 0.XXX±0.10										
F	ELX-I-010517	SAL	2012-03-06	dr	JASMINE CHAING	2004-09-02		Amphenol FCI	dwg no		sheet2 of 4		size		
G	ELX-I-012760	SAL	2012-09-10	eng	JASON HSU	2004-09-02			10038075		A4				
H	ELX-I-23098	SAL	2016-01-21	chr	S.ALOSIUS	2018-03-22			type Product Customer Drawing						
J	ELX-I-28646	AN	2018-03-21	app	BIJU K PAUL	2018-03-22									
sheet index	revision	K	K	K	K										
	sheet	1	2	3	4										

THE SPEC OF TAPE&REEL FOR 10038075-XXPLF



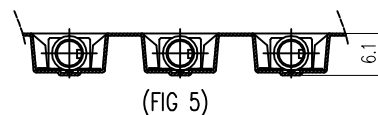
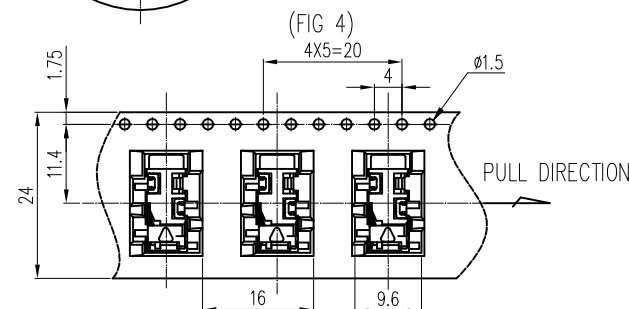
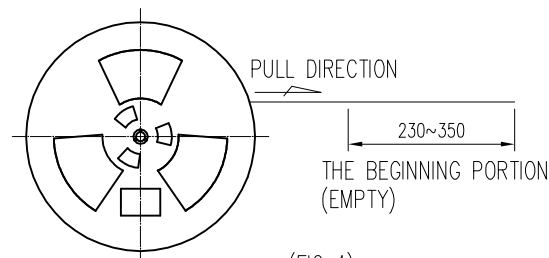
UNIT : mm

REMARK:

- 1.The connector can not be loaded on the position of length 230~350mm in the beginning of carrier tape and 160~240mm in the end of carrier tape. (Refer FIG 1).
- 2.The direction of connector was shown in the FIG 2.
- 3.The label shall be adhered to the front side of reel. (Refer FIG 3).
- 4.A force of 20gf~130gf shall be applied to cover tape as peel off the cover tape at 300mm/min speed in the condition of 165°~180° reverse direction.

mat'l. code				surface		tolerance		projection		product family			
				ISO 1302 ✓		ISO 406 ISO 1101				AUDIO JACK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
K	ELX-N-28412	TY	2026-07-22	angles	linear	0.X±0.38			Ø3.5 MINIATURE JACK				
		0.XX±0.25											
		0.XXX±0.10											
E	T09-1012	S.LIN	2/16/09	0°±2°			scale 1:1						
F	ELX-I-010517	SAL	2012-03-06	dr	JASMINE CHAING	2004-09-02			dwg no		sheet3 of 4	size	
G	ELX-I-012760	SAL	2012-09-10	engr	JASON HSU	2004-09-02			10038075		A4		
H	ELX-I-23098	SAL	2016-01-21	chr	S.ALOSIUS	2018-03-22							
J	ELX-I-28646	AN	2018-03-21	appd	BIJU K PAUL	2018-03-22							
sheet index		revision		K	K	K	K						
		sheet		1	2	3	4						

THE SPEC OF TAPE&REEL FOR 10038075-XXRLF



UNIT : mm

(FIG 6)

REMARK:

- 1.The connector can not be loaded on the position of length 230~350mm in the beginning of carrier tape and 160~240mm in the end of carrier tape. (Refer FIG 4).
- 2.The direction of connector was shown in the FIG 5.
- 3.The label shall be adhered to the front side of reel. (Refer FIG 6).
- 4.A force of 20gf~130gf shall be applied to cover tape as peel off the cover tape at 300mm/min speed in the condition of 165°~180° reverse direction.

mat'l. code				surface			tolerance			projection	product family			
litr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	ISO 1302	ISO 406	ISO 1101		AUDIO JACK			
K	ELX-N-28412	TY	2026-07-22	angles	0.X±0.38	0.XX±0.25	0.XXX±0.10	0.XXX±0.10	0.XXX±0.10	mm	Ø3.5 MINIATURE JACK			
E	T09-1012	S.LIN	2/16/09	0°±2°	0.XXX±0.10	0.XXX±0.10	0.XXX±0.10	0.XXX±0.10	0.XXX±0.10	scale 1:1	dwg no sheet4 of 4 size			
F	ELX-I-010517	SAL	2012-03-06	dr	JASMINE CHAING	2004-09-02	2004-09-02	2004-09-02	2004-09-02	Amphenol FCI	10038075 A4			
G	ELX-I-012760	SAL	2012-09-10	eng	JASON HSU	2004-09-02	2004-09-02	2004-09-02	2004-09-02	Amphenol FCI	10038075 A4			
H	ELX-I-23098	SAL	2016-01-21	chr	S.ALOSIOUS	2018-03-22	2018-03-22	2018-03-22	2018-03-22	Amphenol FCI	10038075 A4			
J	ELX-I-2846	AN	2018-03-21	appd	BIJU K PAUL	2018-03-22	2018-03-22	2018-03-22	2018-03-22	Amphenol FCI	10038075 A4			
sheet	revision	K	K	K	K	K	K	K	K	K	type Product Customer Drawing			
index	sheet	1	2	3	4									