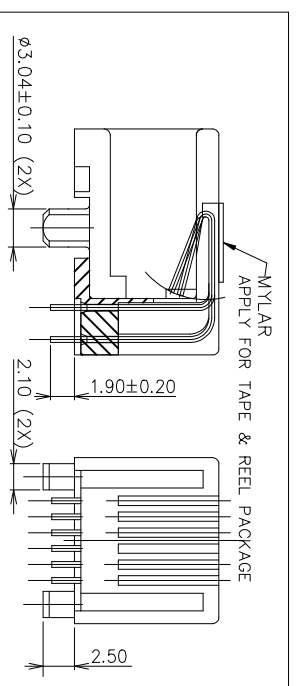
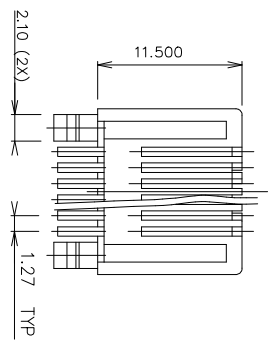
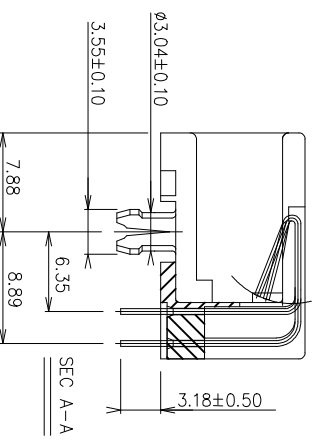
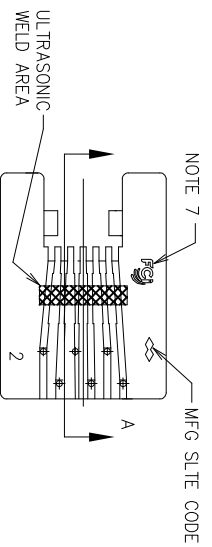


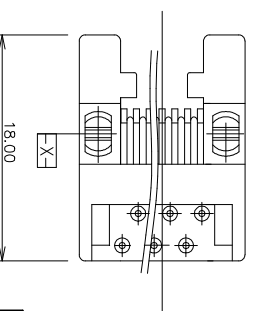


**THE DATASHEET OF**  
**87180-088LF**





87180-X6XHTRLF OPTION ONLY  
(87180-X62HTRLF/X64HTRLF/X66HTRLF)

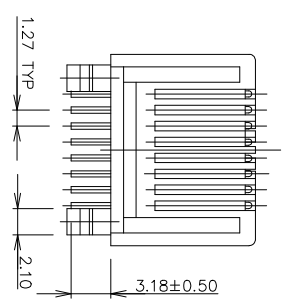
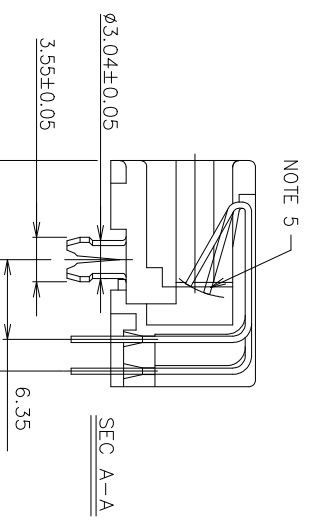
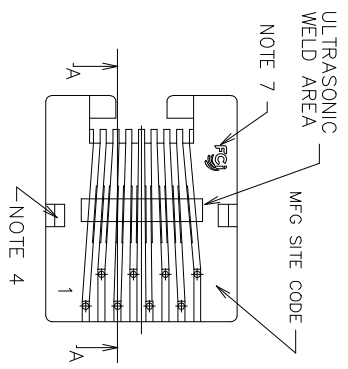


mat'l. code		surface	tolerance	projection	product family
		ISO 1302	ISO 406	ISO 1101	HPL_580
lt	ecsn no	dr	date	tolerances unless otherwise specified	title
AA	N06-0043	DT	02/20/06	0.04±0.30	MOD JACK, FOR 1.6MM P.C.B.
AB	N08-0097	SH	08/13/08	0.00±0.15	
AC	N08-0170	SH	09/25/08	0±.2	
AD	ELX-N-01067H	MM	3/14/12	0.000±0.05	scale 1:1
AE	ELX-N-3108	LZ	12/22/17		Laurence Zong
					eng
					chr
					pppf
					Tim Yao
					12/22/17
					12/22/17
sheet	revision				
index	sheet				

- 6 POS TYPE.

2	3	4	5	6
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LOCATOR TYPE & DESCRIPTION APPLY TO 4 & 6 & 8 POS		LOCATOR TYPE A 3.50	LOCATOR TYPE B 2.50 ONLY APPLY TO 87180-X6XHTRLF
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SEC. A-A

DIM A

NOTE 5

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406	ISO 1101	HPL_580
	tolerances unless otherwise specified			MOD JACK, FOR 1.6MM P.C.B.

AE	ecm no	dr	date	angle	linear	mm	title
				0±.2°	0.00±0.15	mm	MOD JACK, FOR 1.6MM P.C.B.
		dr	Laurence.Zong	12/22/17	0.000±0.05	scale 1:1	
		en	Laurence.Zong	12/22/17			dwg no
		chr	Tim.Yao	12/22/17			87180
		gppf	Tim.Yao	12/22/17			sheet 2 of 3
							size
							A3

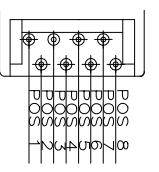
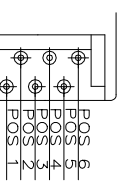
sheet index	revision	sheet	4	5	6
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TYPE.

DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	LOADED POSITION	TAIL LENGTH	HOUSING COLOR	PRODUCT FIGURE	LOCATOR TYPE
3.05	3.81	7.62	11.20	3.05	5.50	7.87	ALL POS. 2,3	3.18MM			
5.08	6.35	10.16	13.20	4.06	6.60	9.90	ALL POS. 2,3,4,5 1,2,5,6 3,4	1.90MM 3.18MM	BLACK	FIGURE 1	TYPE A TYPE B
7.11	8.89	11.43	15.24	4.06	6.30	11.94	ALL POS. ALL POS. 2,3,4,5,6,7 3,4,5,6 1,4,5,8 1,2,3,6 1,2,7,8 ALL POS. 3,4,5,6	3.18MM	BLACK	FIGURE 2	TYPE A
									GREY		

PLATING CODE X	PLATING
0	5u" Au + high performance lubricant
1	15 u" G.X.T.
2	20 u" GPPD
3	5u" Au + high performance lubricant
4	15 u" G.X.T.
5	50 u" G.X.T.
6	6 u" G.X.T.
7	2 u" G.X.T.
A	30u" GXT
B	30u" Au

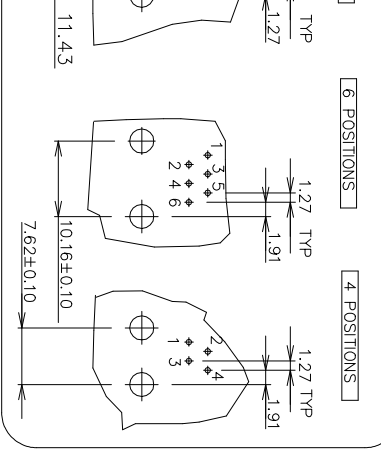
PRODUCT NO.  
STANDARD TUBE PACKAGE  
REEL WITH MYLAR APPLY ONLY 87180-X6XHTLFL  
ACCESS PRODUCT NO.



-X6X/-X6XLFL  
-X8X/-X8XLFL

WIRE POSITION No

PATTERN VIEWED FROM TOP.



NOTES:

1. RECOMMENDED P.C.B THICKNESS 1.60 MM
  2. HOUSING MAT'L: HIGH TEMP THERMAL PLASTIC  
UL94-V0, COLOR : SEE TABLE.
  3. CONTACTS: PHOS BRONZE ALLOY UNS-C51000, 50u" IN UNDER PLATING  
0.460DIA. ROUND WIRE. PLATING SEE TABLE.
  4. APPEARS ON 8 POS TYPE (P/N 87180-X8X) ONLY.
  5. PROTRUDED SHELF ONLY APPEARS ON 8-POS JACK.
  6. STANDARD PACKAGING METHOD(USE TUBE): SEE GES-14-361.  
87180-XXXTRLF SPECIAL PACKAGE WITH TAPE & REEL
  7. COMPANY LOGO CAN BE "BERG" OR "DU PONT" OR "FCI", AND WOULD APPEAR IN THE SAME SHIPMENT UNLESS LOGO SPEC HEREIN IS UPDATED.
  8. THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
  9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.60mm MINIMUM THICK CIRCUIT BOARD.
  10. IF LF P/N PACKAGING MEETS GS-14-920 SPECIFICATION.
- ① EQUIVALENT THICKNESS AU AND GXT PLATING HAVE SAME FUNCTION AND THEY ARE ALTERNATIVE BY THE CUSTOEMR.

mat'l. code	surface	tolerance	projection	product family
AE	ISO 1302	ISO 406	ISO 1101	HPL 580
	tolerances unless otherwise specified			
	0.04±0.30		mm	
	0.00±0.15		mm	
	0.3±2°	0.000±0.05	scale 1:1	
	dr Laurence Zongli	12/22/17		
	eng Laurence Zongli	12/22/17		
	chr Tim Yoo	12/22/17		
	gppf Tim Yoo	12/22/17		
sheet index	revision		dwg no	sheet 3 of 3
			87180	size A3
			Product Customer Drawing	

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 [Amphenol FCI Information](#)

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-  Alternative Solution
-  Excess Inventory Management