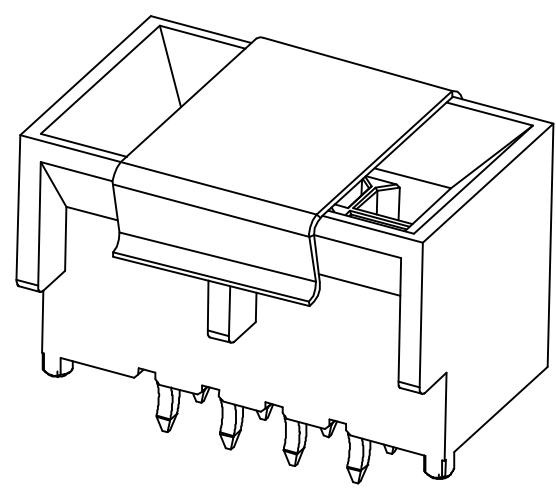
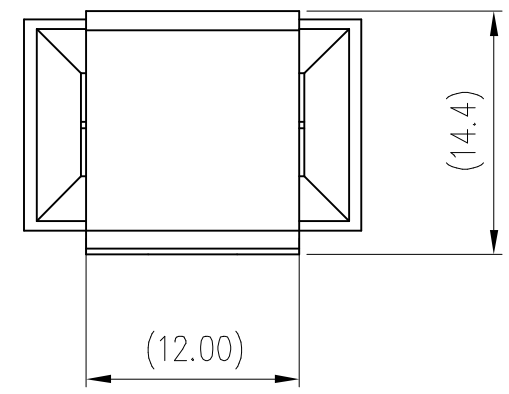
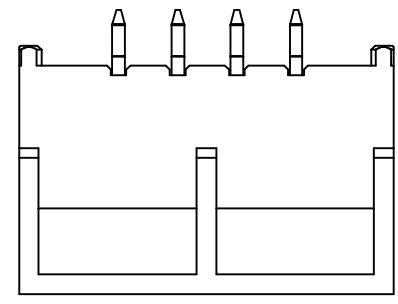


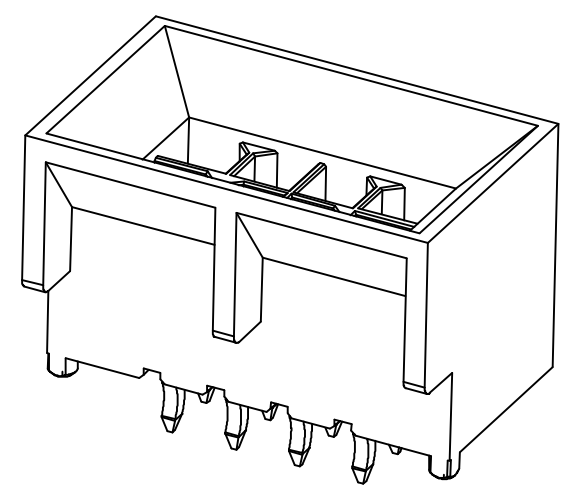
Amphenol FCI
© 2016 APCI

PRODUCT NUMBER
SEE PART NO. SCHEME

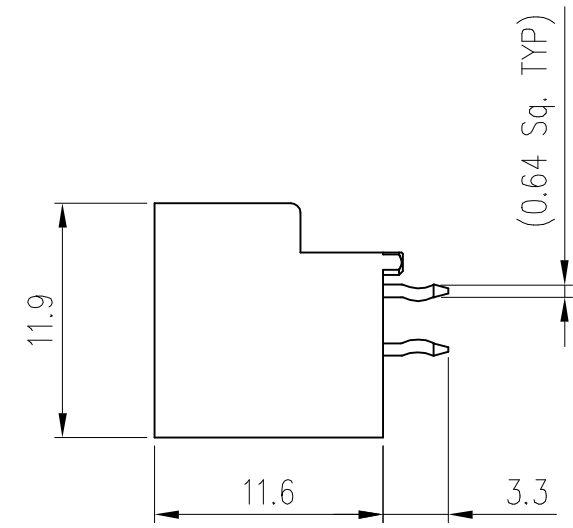
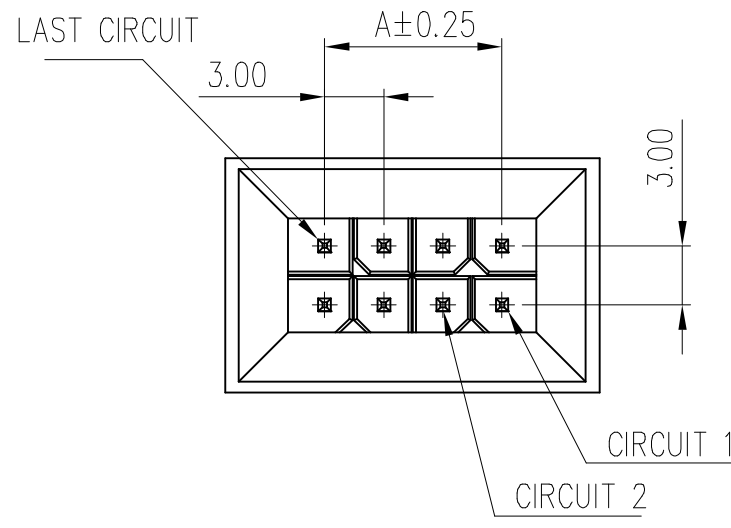
PICKUP CAP DIMENSIONS



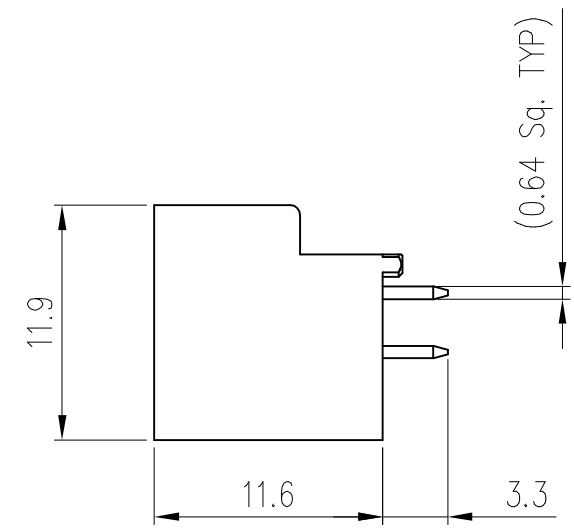
WITH PICKUP CAP



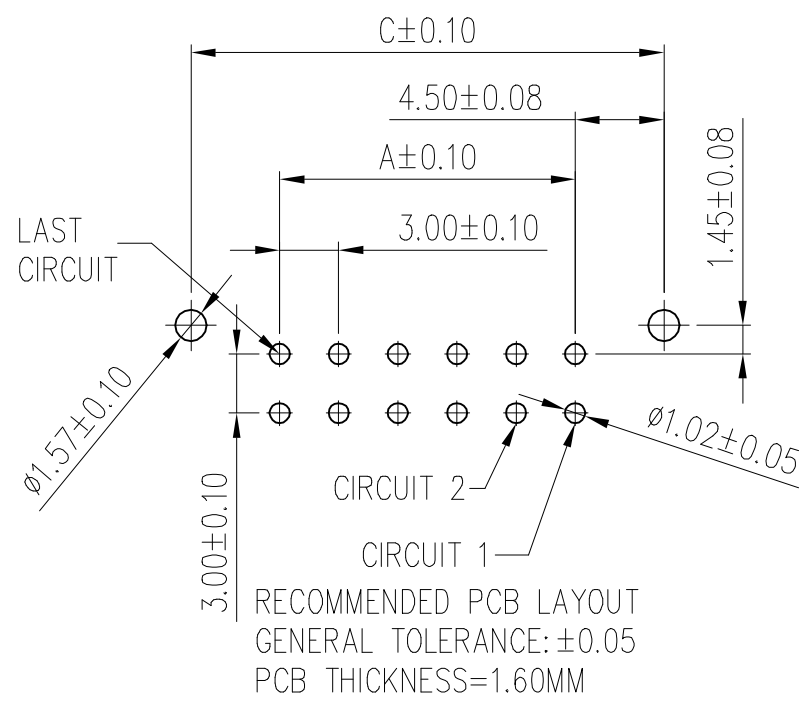
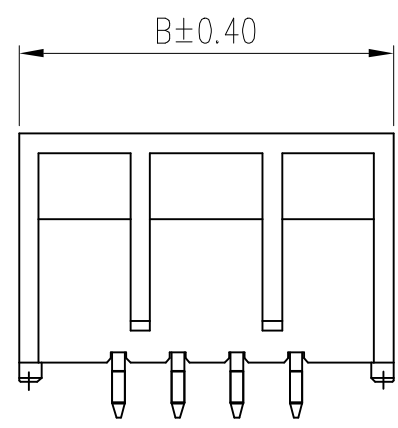
WITHOUT PICKUP CAP



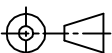
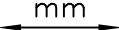

KINK TAIL



STRAIGHT TAIL



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE: ±0.05
PCB THICKNESS=1.60MM

mat'l. code				surface ISO 1302 ✓			tolerance ISO 406 ISO 1101			projection 			product family MINITEK PWR3.0																
ltr	ecn no	dr	date	tolerances unless			otherwise specified						title																
H	ELX-I-43460	AKHIL	2022-01-21	angles	linear	.0±.30			DUAL ROW BMI VERTICAL																				
						.00±.20			MINITEK 3.0 HEADER																				
						.000±.10			scale N.T.S																				
D	ELX-N-26669	TONY	2017-04-14	dr	KENNY TAI			2016-03-03						dwg no					sheet 1 of 3					size					
E	ELX-N-27091	TONY	2017-05-24	engr	AKHIL RAJAN			2022-01-21						10138980										A3					
F	ELX-N-28268	TONY	2017-10-26	chr	MITHUN PAUL			2022-01-21																					
G	ELX-N-32061	TONY	2018-11-26	appd	SPK			2022-01-21						type										Product Customer Drawing					
sheet index		revision sheet		H	H	H																							
				1	2	3																							

Amphenol
FCI

NOTE:

1. MATERIAL:
HOUSING: LCP, UL94V-0, HALOGEN FREE, COLOR: BLACK
CONTACT: COPPER ALLOY.
2. CONTACT FINISH: NICKEL 50u" Min. UNDERPLATED OVERALL.
OPTIONAL PLATING ON CONTACT AREA,TIN ON SOLDER TAIL.
3. REFER GS-20-0399 APPLICATION SPECIFICATION FOR MATING CONNECTOR .
4. PRODUCT SPECIFICATION: GS-12-1177.
5. PACKAGE SPECIFICATION: GS-14-2359.
6. APPLICATION SPECIFICATION: GS-20-0399
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER
9. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
10. YET TO BE TOOLED UP
11. PART NUMBER SCHEME:

10138980- XX X X X X LF

POS. CODE: ————

04: 4 POS

06: 6 POS

24: 24 POS

S1: SEE SHEET-3

S2: SEE SHEET-3

LEAD FREE

OPTIONAL PACKAEGS:

BLANK: TRAY

C: TAPE&REEL W/O CAP (TYPE-A)

T: TAPE&REEL W/O CAP (TYPE-B)

A: TAPE&REEL WITH CAP (TYPE-A)(SEE NOTE-10)

B: TAPE&REEL WITH CAP (TYPE-B)(SEE NOTE-10)

PLATING CODE: ————

1: 100u" Min. MATTE TIN OVERALL

2: GOLD FLASH OVERALL

3: 15u"Min Au ON CONTACT AREA,
100u"Min MATTE TIN ON TAIL

4: 30u"Min Au ON CONTACT AREA,
100u"Min MATTE TIN ON TAIL

TAIL OPTION:

BLANK: KINK

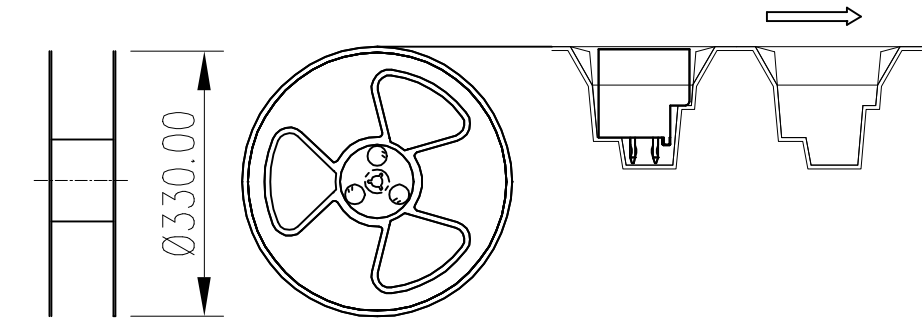
S: STRAIGHT

GLOW WIRE COMPATIBLE:

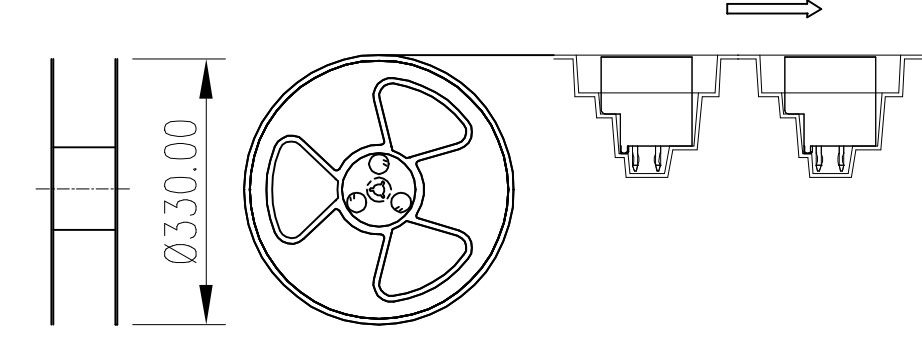
1: COMPATIBLE

2: NON-COMPATIBLE

TAPE & REEL PACKING



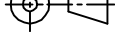


TYPE A

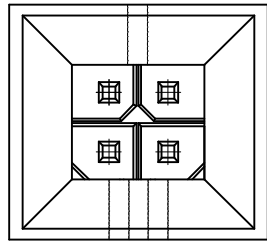


TYPE B

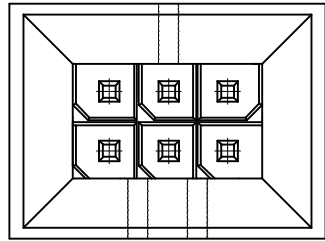
PART NUMBER AND DIMENSIONS:

PART NO.	POS	A	B	C
10138980-04XXXXLF	4	3.00	13.00	12.0
10138980-06XXXXLF	6	6.00	16.00	15.0
10138980-08XXXXLF	8	9.00	19.00	18.0
10138980-10XXXXLF	10	12.00	22.00	21.0
10138980-12XXXXLF	12	15.00	25.00	24.0
10138980-14XXXXLF	14	18.00	28.00	27.0
10138980-16XXXXLF	16	21.00	31.00	30.0
10138980-18XXXXLF	18	24.00	34.00	33.0
10138980-20XXXXLF	20	27.00	37.00	36.0
10138980-22XXXXLF	22	30.00	40.00	39.0
10138980-24XXXXLF	24	33.00	43.00	42.0

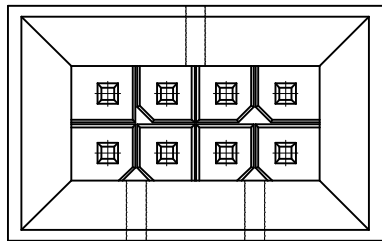
mat'l. code				surface <input checked="" type="checkbox"/> ISO 1302		tolerance <input checked="" type="checkbox"/> ISO 406 ISO 1101		projection 		product family MINITEK PWR3.0										
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title										
				angles		linear				DUAL ROW BMI VERTICAL MINITEK 3.0 HEADER										
								scale		N.T.S										
				dr	KENNY TAI		2016-03-03				dwg no				sheet 2 of 3				size	
				engr	AKHIL RAJAN		2022-01-21				10138980				A3					
				chr	MITHUN PAUL		2022-01-21													
				appd	SPK		2022-01-21													
sheet index		revision sheet		H	H	H														
				1	2	3														



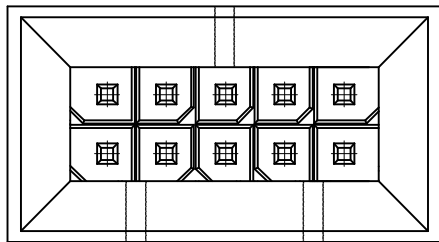
2*2P



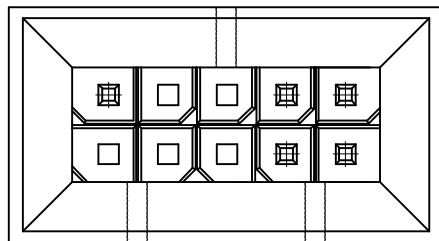
2*3P



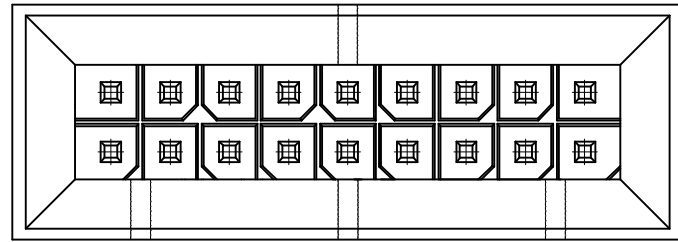
2*4P



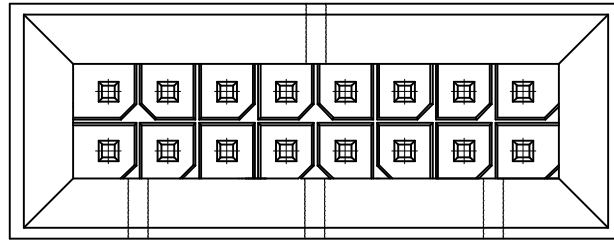
2*5P



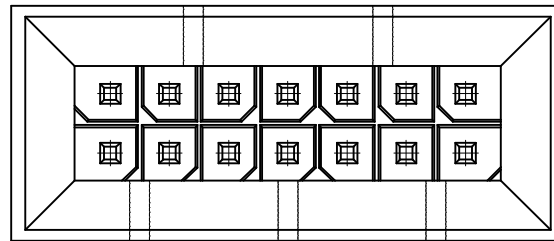
S2: CIRCUIT 3,4,5,8,9 REMOVED



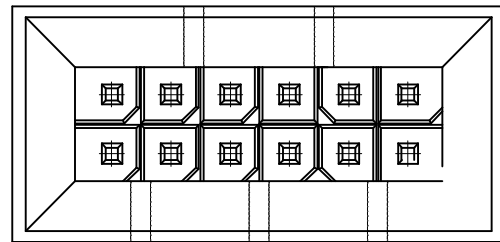
2*9P



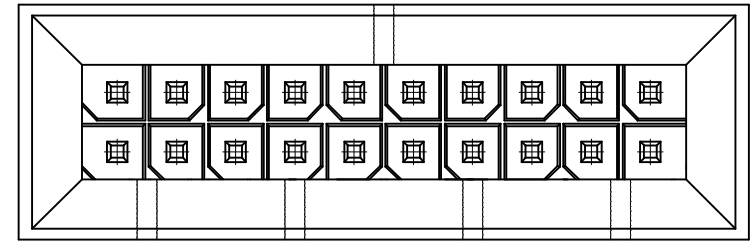
2*8P



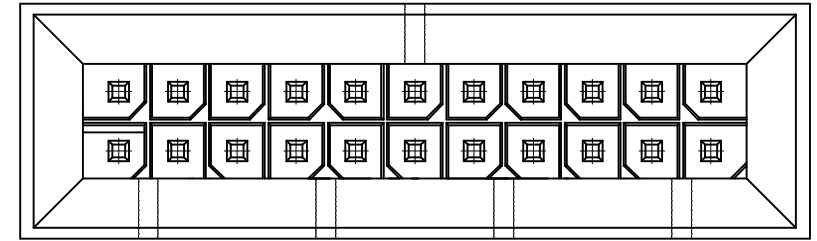
2*7P



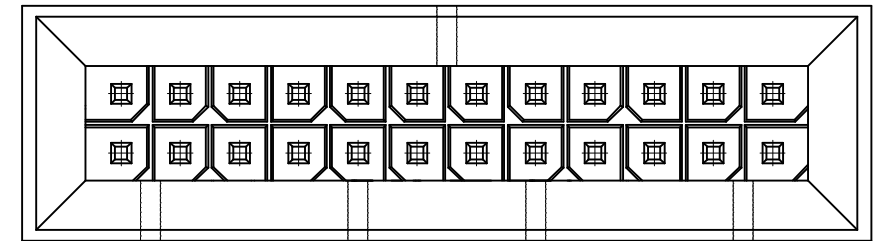
2*6P



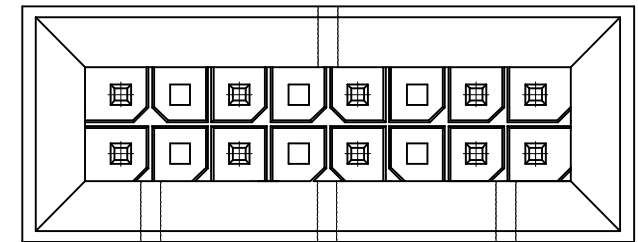
2*10P



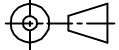
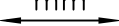

2*11P



2*12P



S1: CIRCUIT 3,5,7,11,13,15 REMOVED

mat'l. code				surface		tolerance		projection		product family									
				ISO 1302 ✓		ISO 406 ISO 1101				MINITEK PWR3.0									
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title									
				angles		linear		mm		DUAL ROW BMI VERTICAL MINITEK 3.0 HEADER									
								scaleN.T.S											
				dr	KENNY TAI		2016-03-03				dwg no				sheet 3 of 3				size
				engr	AKHIL RAJAN		2022-01-21				10138980				A3				
				chr	MITHUN PAUL		2022-01-21												
				appd	SPK		2022-01-21												
sheet index		revision		H	H	H													
		sheet		1	2	3													