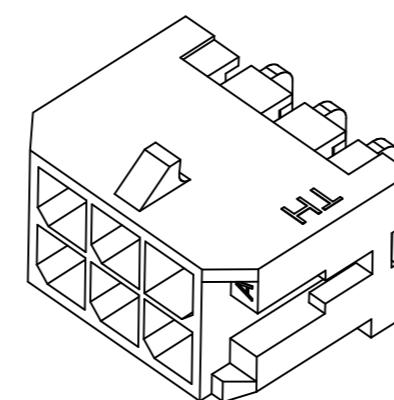
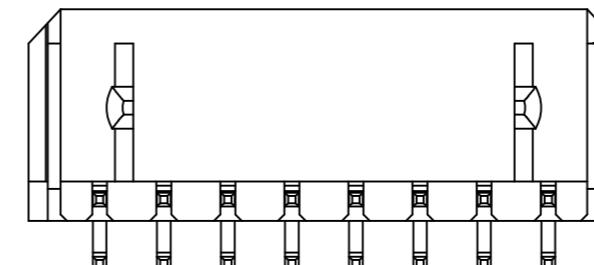
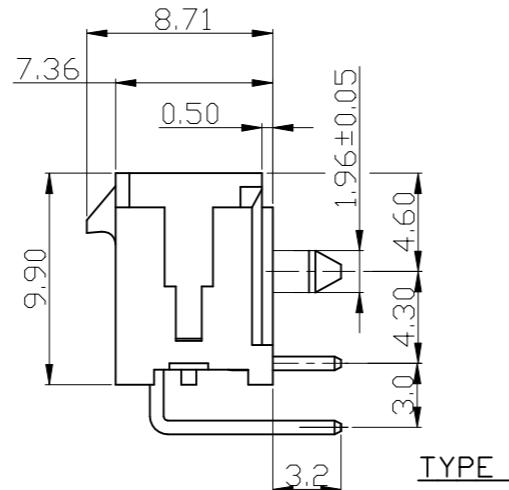
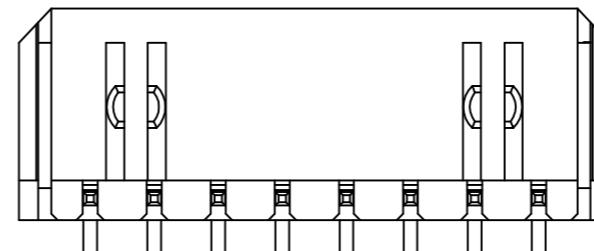
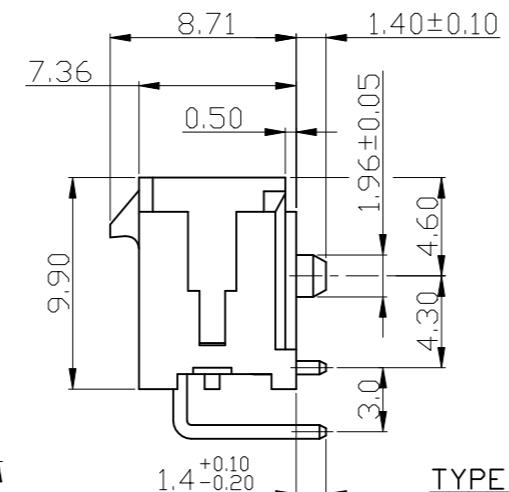
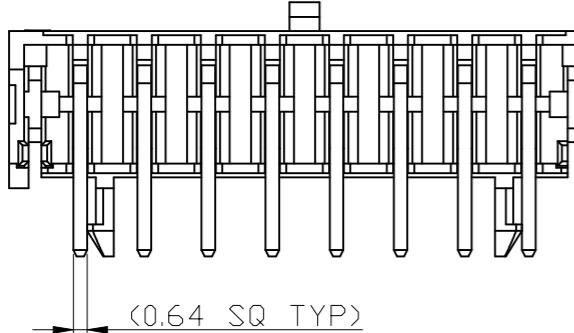
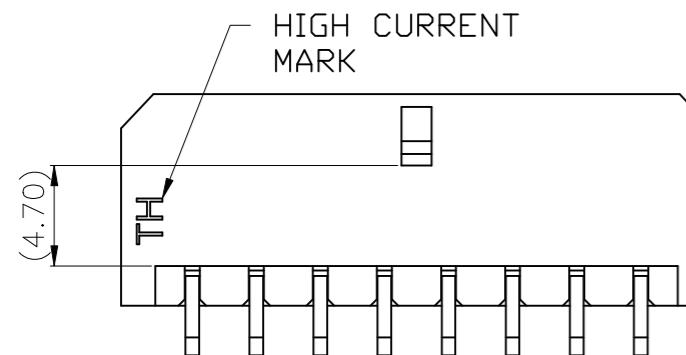
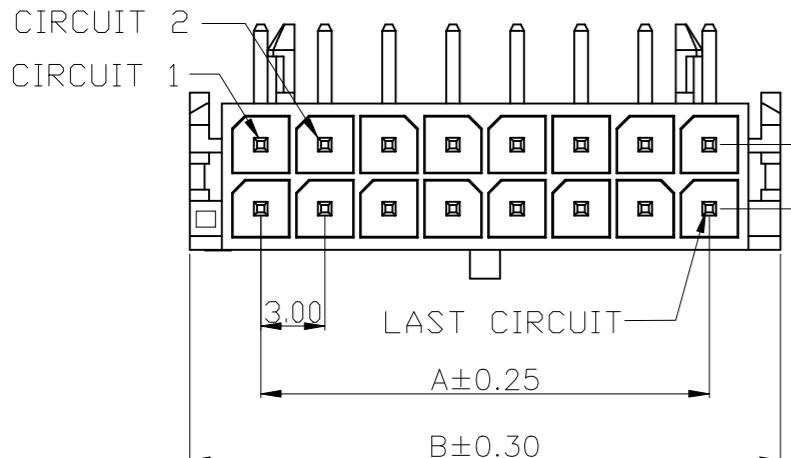


PRODUCT NUMBER  
SEE PART NO. TABLE



NOTE:  
 1. MATERIAL:  
 HOUSING: HIGH TEMP NYLON, UL94V-0, HALOGEN FREE, COLOR: OPTIONAL  
 CONTACT: HIGH CONDUCTIVITY COPPER ALLOY.  
 2. CONTACT FINISH: NICKEL 50 $\mu$ " Min. UNDERPLATED OVERALL.  
 OPTIONAL PLATING ON CONTACT AREA, 100 $\mu$ " MATTE TIN ON SOLDER TAIL.  
 3. REFER GS-20-0399 APPLICATION SPECIFICATION FOR MATING CONNECTOR.  
 4. PRODUCT SPECIFICATION: GS-12-1291.  
 5. PACKAGE SPECIFICATION: GS-14-2419.  
 6. APPLICATION SPECIFICATION: GS-20-0399  
 7. TAPE AND REEL PACKING: TYPE A-ONLY FOR 02, 06 AND 12 POS.  
 TYPE B-FOR ALL POSITIONS

8. THE HOUSING WILL WITHSTAND EXPOSURE TO  
 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN.  
 9. THE HOUSING WILL WITHSTAND EXPOSURE TO  
 260°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER

10. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES  
 AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004

11. PART NUMBER SCHEME:  
 AU10132449- XX X X X X X LF

POS. CODE:  
 02: 2 POS  
 04: 4 POS  
 24: 24 POS

LEAD FREE  
 PACKAGING  
 BLANK: TRAY  
 T:TAPE & REEL (SEE NOTE 7)

TAIL LENGTH  
 BLANK: TYPE A  
 B: TYPE B

HSG MATERIAL:  
 G: HIGH TEMP NYLON (GLOW WIRE  
 COMPATIBLE)

HSG COLOR:  
 1: BLACK

12. 'AU' PREFIX AND '-' IN THE PART NUMBER LOGIC ARE OPTIONAL.  
 FOR ANY CLARIFICATION PLEASE CONTACT AFCI ENGINEERING

P/N & DIMENSION TABLE:

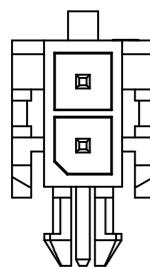
PART NO.	POS A	B	TOOLING STATUS
10132449-02XXXXXLF	2	--	6.65 TOOLED UP
10132449-04XXXXXLF	4	3.00	9.65 NOT TOOLED UP
10132449-06XXXXXLF	6	6.00	12.65 TOOLED UP
10132449-08XXXXXLF	8	9.00	15.65 NOT TOOLED UP
10132449-10XXXXXLF	10	12.00	18.65 TOOLED UP
10132449-12XXXXXLF	12	15.00	21.65 TOOLED UP
10132449-14XXXXXLF	14	18.00	24.65 TOOLED UP
10132449-16XXXXXLF	16	21.00	27.65 NOT TOOLED UP
10132449-18XXXXXLF	18	24.00	30.65 NOT TOOLED UP
10132449-20XXXXXLF	20	27.00	33.65 NOT TOOLED UP
10132449-22XXXXXLF	22	30.00	36.65 NOT TOOLED UP
10132449-24XXXXXLF	24	33.00	39.65 TOOLED UP

mat'l. code				surface			tolerance			projection		product family		
				ISO 1302			ISO 406 ISO 1101					MINITEK PWR3.0 HCC		
ltr	ecn no	dr	date	tolerances unless otherwise specified								title		
A		TAI	2015-02-25	angles	near		.0±35							
B	ELX-N-27539	TONY	2017-09-04				.00±.25							
C	ELX-I-38334	JJ	2020-09-16	0°±x°								MINITEK PWR3.0 R/A DR HEADER		
D	ELX-I-43460	AKHIL	2022-01-21	dr	KENNY TAI	2015-02-03						HIGH CURRENT		
E		VISHNU	2025-08-25	engr	VISHNU BABU	2025-08-25								
				chr	-	-								
				appd	SPK	2025-08-25								
sheet		revision	E	E	E									
index		sheet	1	2	3									

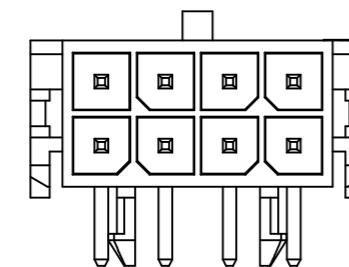
Amphenol  
FCi

## TYPE-A OUTLINE OF DIFFERENT PIN COUNTS

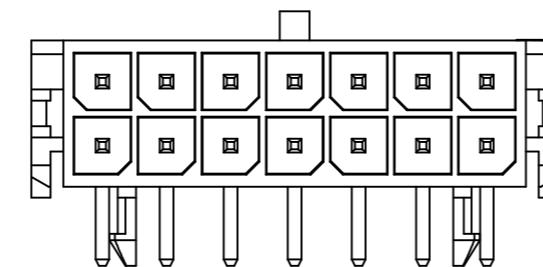
2 PGS.



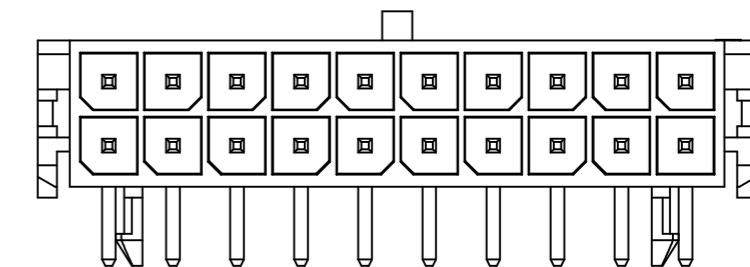
8 PGS.



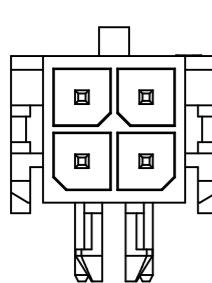
14 PGS.



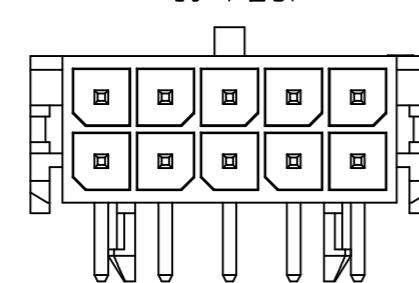
20 PGS.



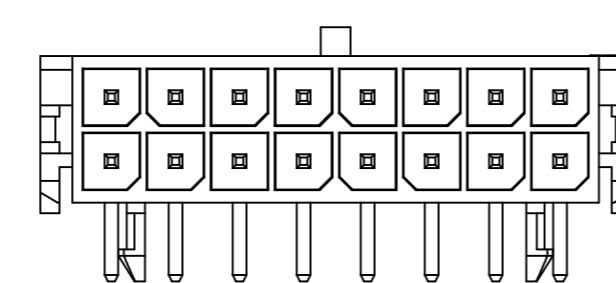
4 PGS.



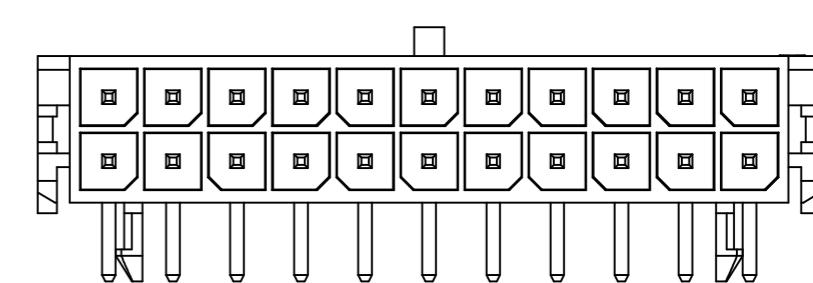
10 PGS.



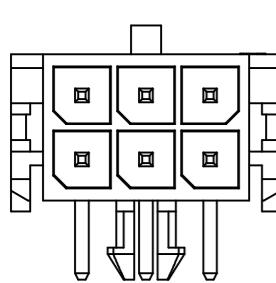
16 PGS.



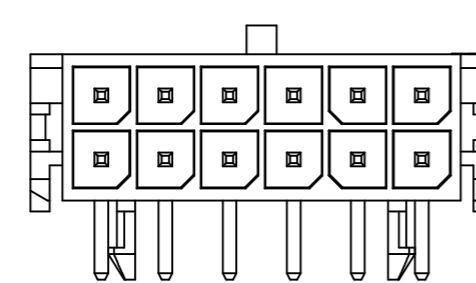
22 PGS.



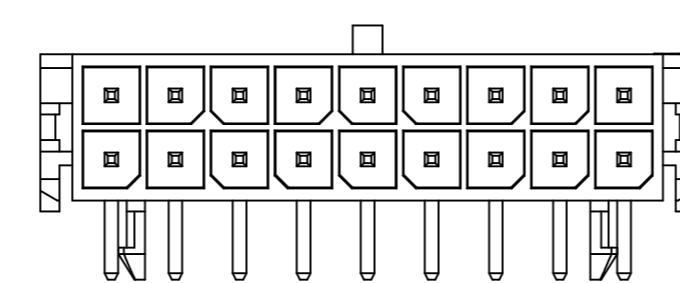
6 PGS.



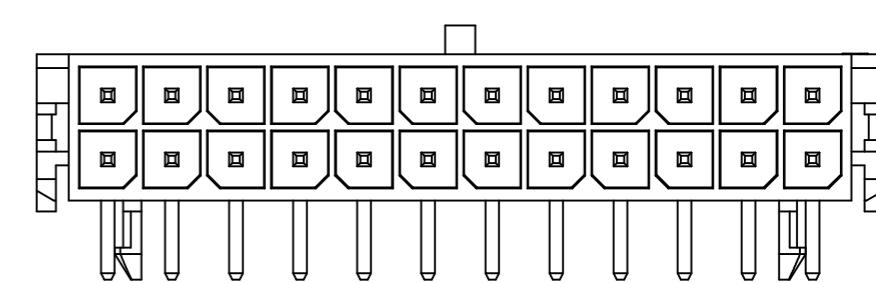
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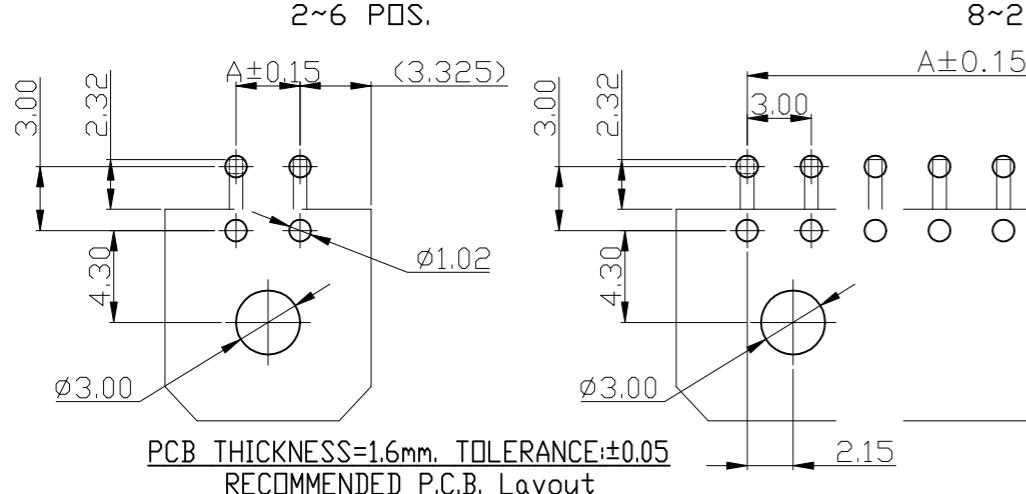
18 PGS.



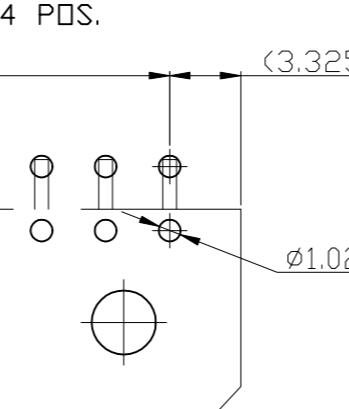
24 PGS.



2~6 PGS.



8~24 PGS.

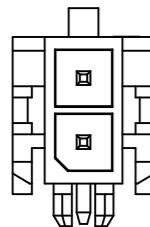


mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101		MINITEK PWR3.0 HCC
				✓			
				tolerances unless otherwise specified			
				angles	.0±.35		
				linear	.00±.25		
				0°±x°			
				dr	KENNY TAI 2015-02-03		
				engr	VISHNU BABU 2025-08-25		
				chr	-		
				appd	SPK 2025-08-25		
sheet		revision	E				
index	sheet		E				
		1	2	3			

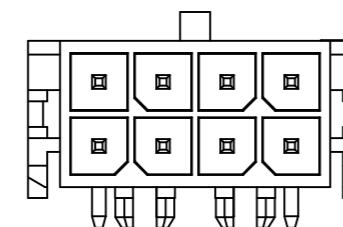
**Amphenol FCI**

## TYPE-B OUTLINE OF DIFFERENT PIN COUNTS

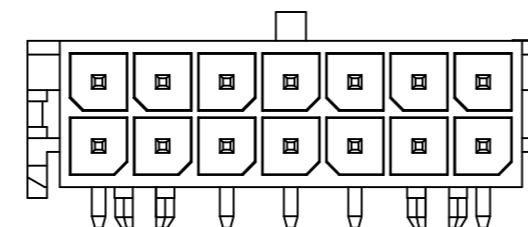
2 PGS.



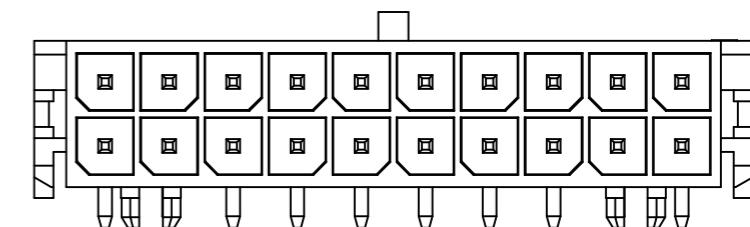
8 PGS.



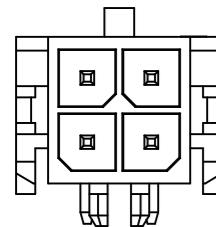
14 PGS.



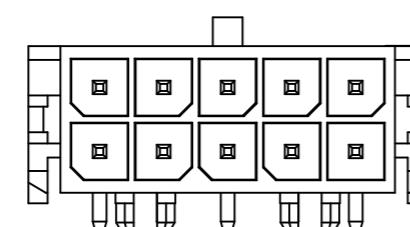
20 PGS.



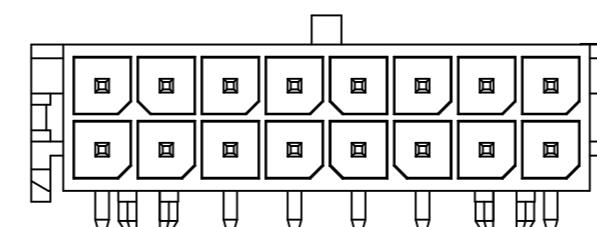
4 PGS.



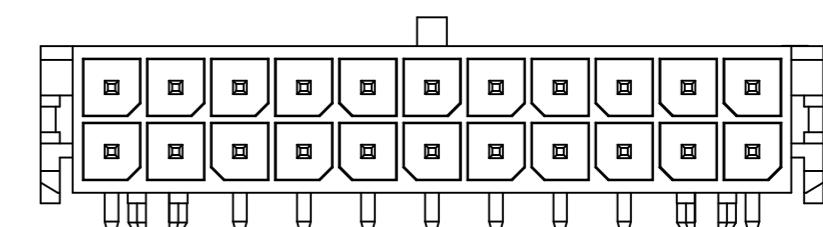
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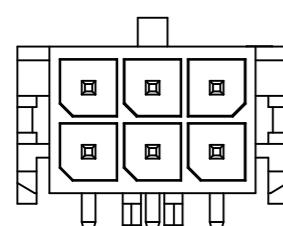
16 PGS.



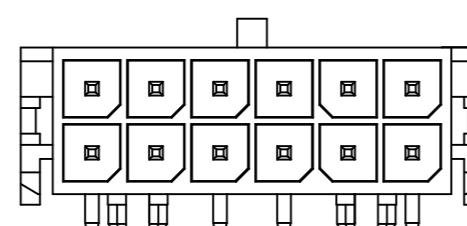
22 PGS.



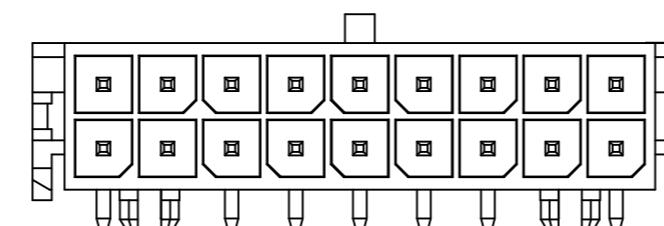
6 PGS.



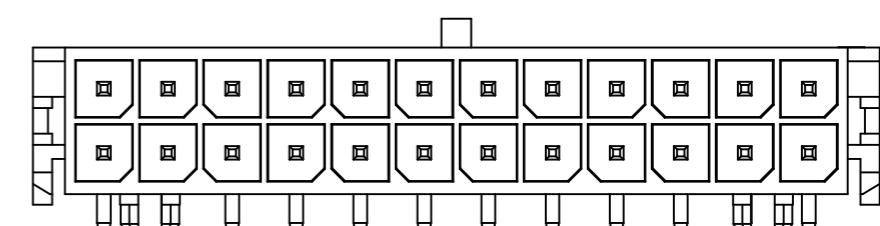
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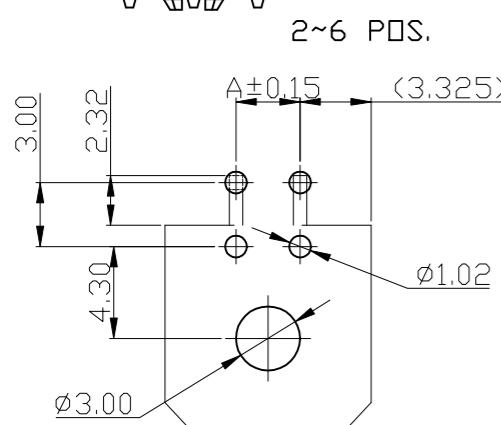
18 PGS.



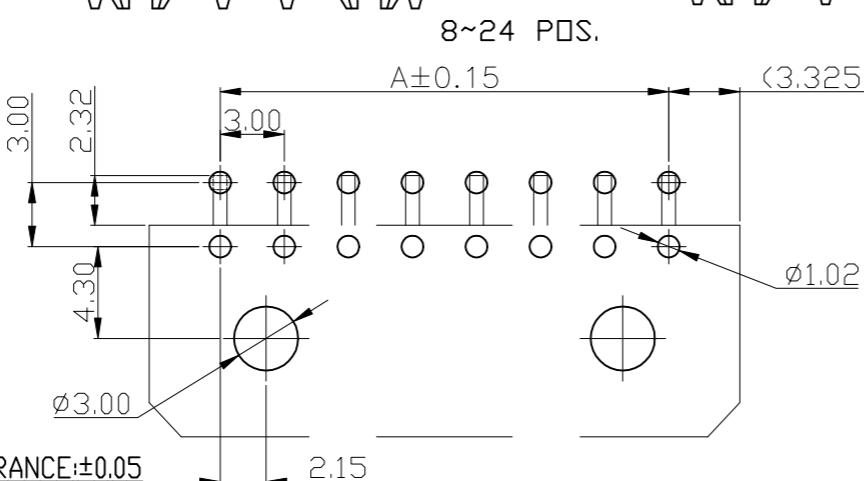
24 PGS.



2~6 PGS.



8~24 PGS.



PCB THICKNESS=1.5mm, TOLERANCE:±0.05  
RECOMMENDED P.C.B. Layout  
TOP VIEW

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	✓ ISO 406 ISO 1101		MINITEK PWR3.0 HCC
				tolerances unless otherwise specified			
				angles	0.±35		
				linear	.00.±25		
				0.±x°			
				dr	KENNY TAI 2015-02-03		
				engr	VISHNU BABU 2025-08-25		
				chr	-		
				appd	SPK 2025-08-25		
sheet		revision	E				
index	sheet		E				
		1	2	3			

**Amphenol FCI**