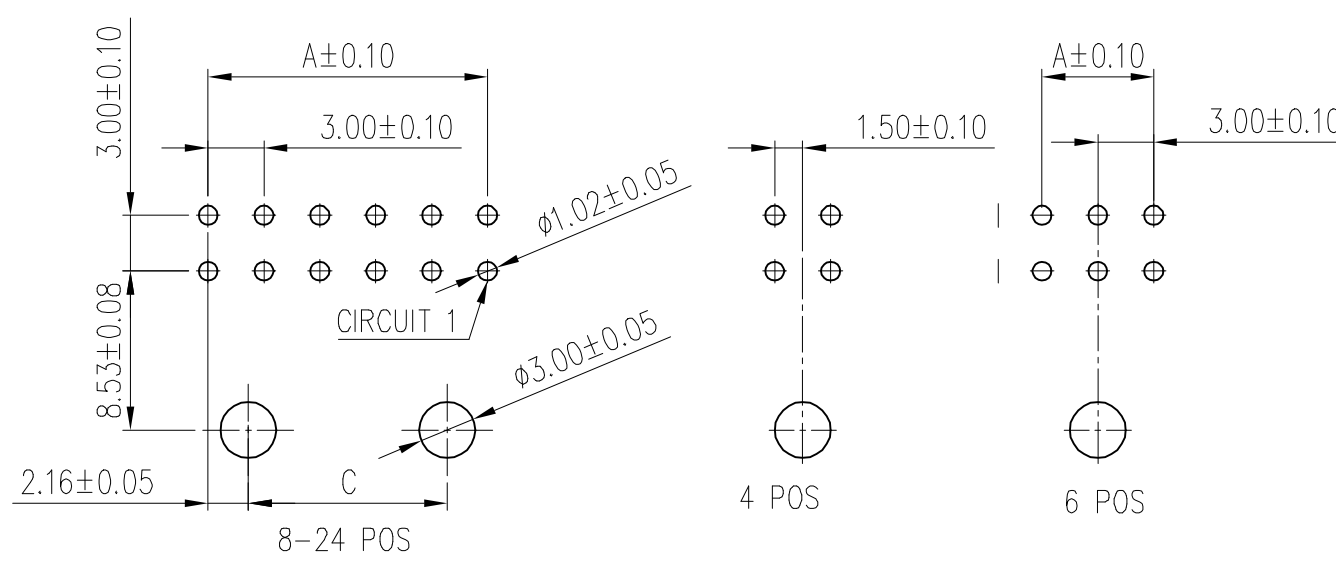
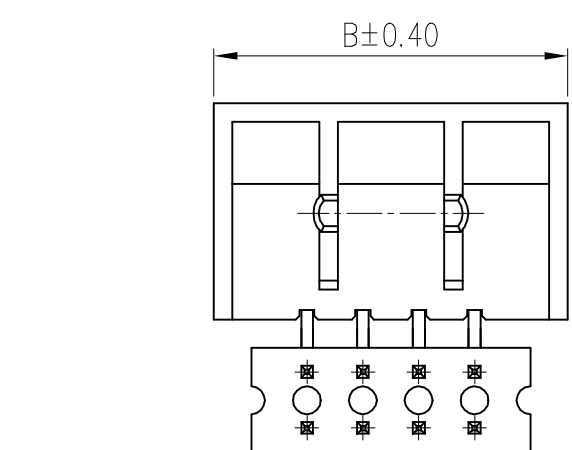
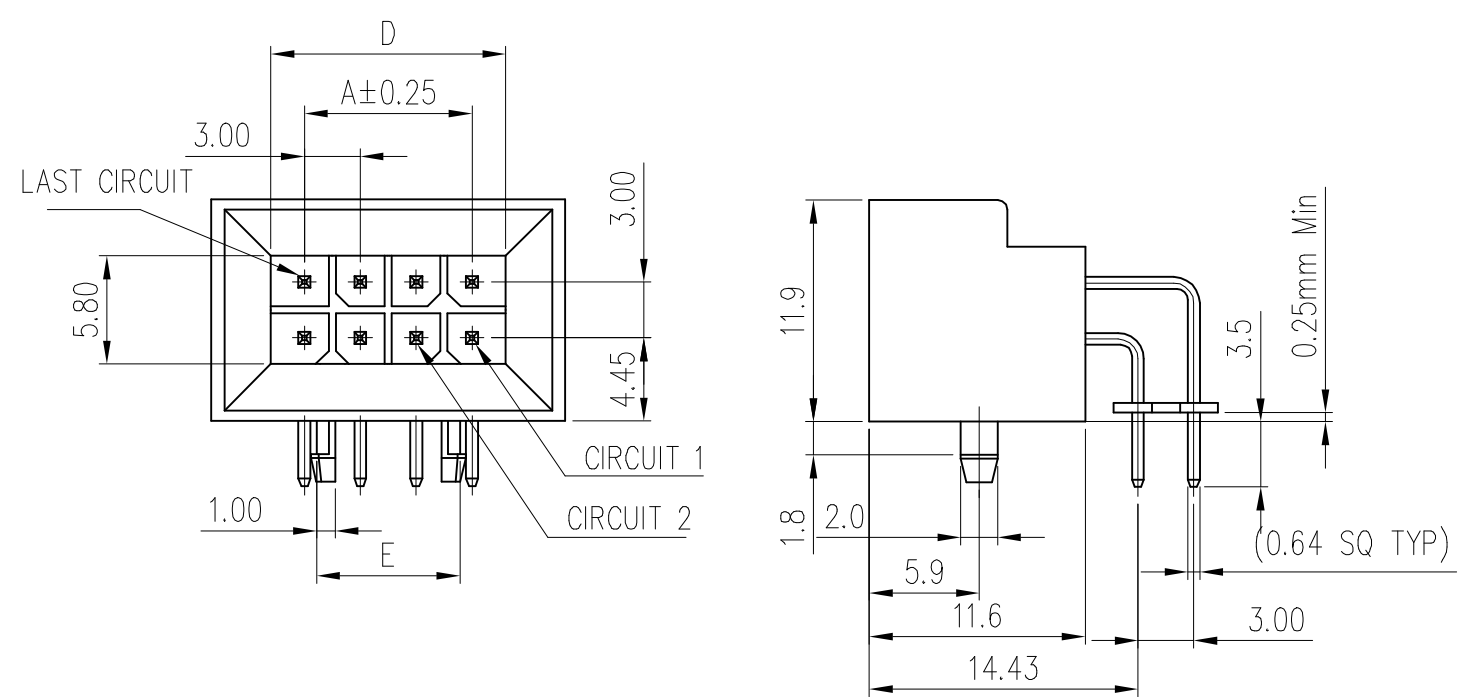
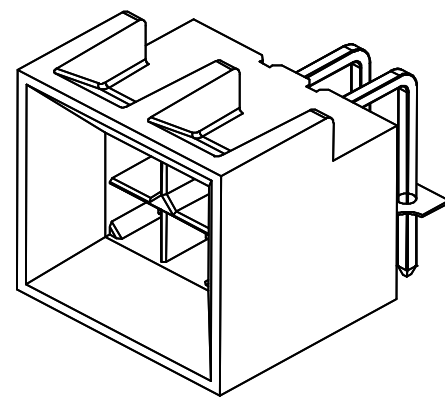


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RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE: ±0.05
PCB THICKNESS=1.60MM



- NOTE:
- MATERIAL:
HOUSING: LCP, UL94V-0, HALOGEN FREE, COLOR: BLACK
CONTACT: COPPER ALLOY.
 - CONTACT FINISH: NICKEL 50u" Min. UNDERPLATED OVERALL.
OPTIONAL PLATING ON CONTACT AREA, TIN ON SOLDER TAIL.
 - REFER GS-20-0399 APPLICATION SPECIFICATION FOR MATING CONNECTOR.
 - PRODUCT SPECIFICATION: GS-12-1177.
 - PACKAGE SPECIFICATION: GS-14-2359.
 - APPLICATION SPECIFICATION: GS-20-0399.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER.
 - LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
 - PART NUMBER SCHEME:
10144754- XX X X X X LF

POS. CODE:
04: 4 POS
06: 6 POS
S
24: 24 POS

PLATING CODE:
1: 80u" Min. MATTE TIN OVERALL
3: 15u"Min Au ON CONTACT AREA, 100u"Min MATTE TIN ON TAIL
4: 30u" Au ON CONTACT AREA, 100u"Min MATTE TIN ON TAIL
5: 200u" Min. MATTE TIN OVERALL

LEAD FREE
OPTIONAL PACKAEGS:
BLANK: TRAY WITH STANDARD ALIGNER (WHITE COLOR)
K: TAPE/REEL PACKAGE WITH HIGH TEMP. KAPTON TAPE AND ALIGNER (BROWN COLOR) (ONLY FOR 4,8& 12POS)
T: TAPE/REEL PACKAGE WITH HIGH TEMP. ALIGNER (BROWN COLOR) (ONLY FOR 12POS)
PEG OPTION
BLANK: WITH PEG
B: WITHOUT PEG
GLOW WIRE COMPATIBLE:
1: COMPATIBLE

P/N AND DIMENSIONS:

PART NUMBER	POS	A	B	C	D	E
10144754-04XXXXLF	4	3.00	13.00	NA	6.60	3.00
10144754-06XXXXLF	6	6.00	16.00	NA	9.60	3.00
10144754-08XXXXLF	8	9.00	19.00	4.68	12.60	7.70
10144754-10XXXXLF	10	12.00	22.00	7.68	15.60	10.70
10144754-12XXXXLF	12	15.00	25.00	10.68	18.60	13.70
10144754-14XXXXLF	14	18.00	28.00	13.68	21.60	16.70
10144754-16XXXXLF	16	21.00	31.00	16.68	24.60	19.70
10144754-18XXXXLF	18	24.00	34.00	19.68	27.60	22.70
10144754-20XXXXLF	20	27.00	37.00	22.68	30.60	25.70
10144754-22XXXXLF	22	30.00	40.00	25.68	33.60	28.70
10144754-24XXXXLF	24	33.00	43.00	28.68	36.60	31.70

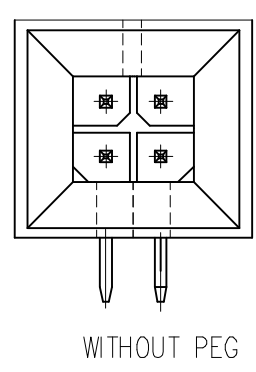
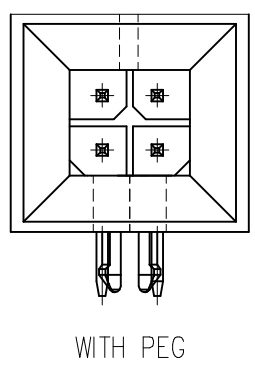
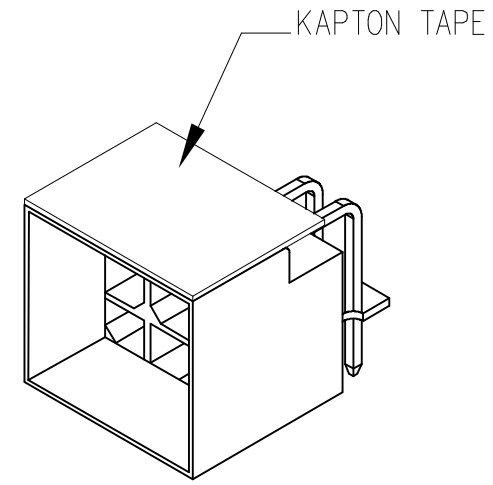
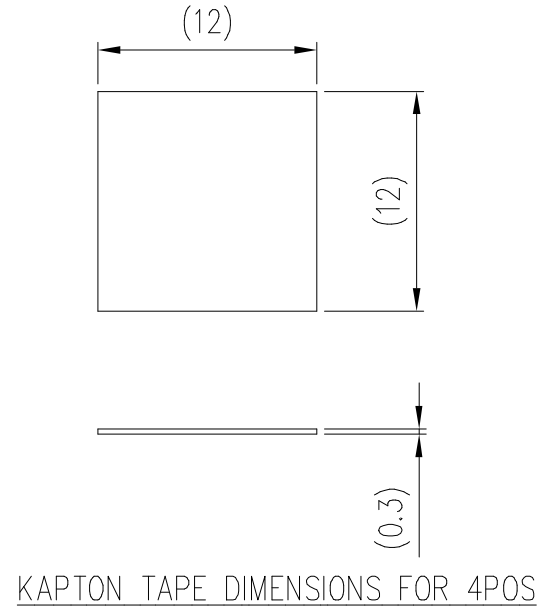
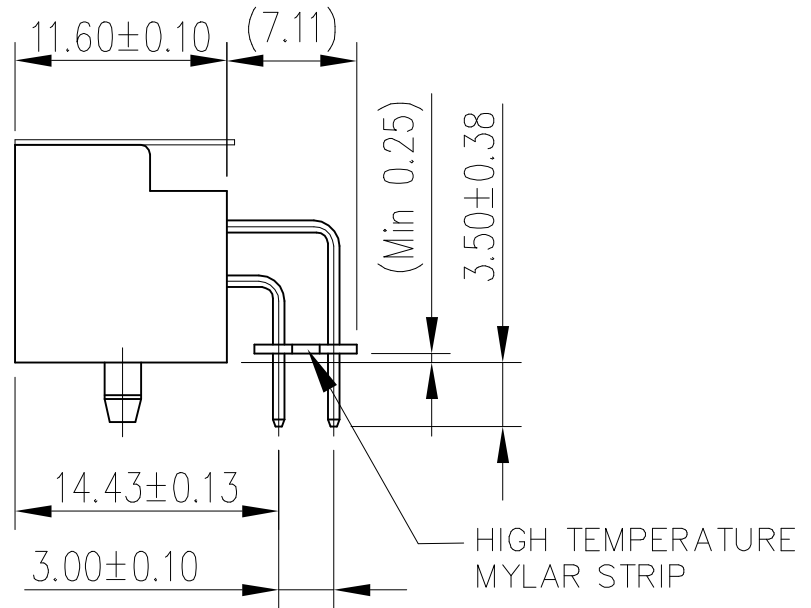
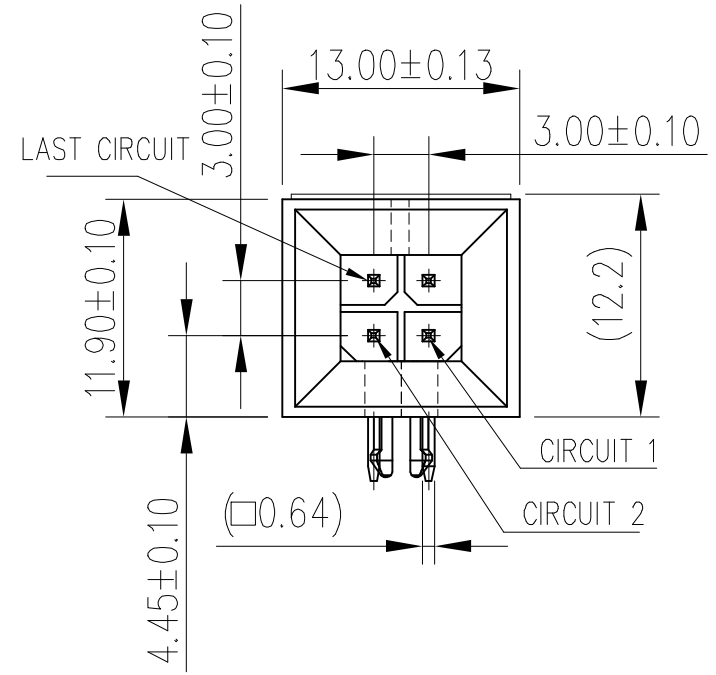
mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family	
ltr		ecn no		dr		date		MINITEK PWR3.0	
A		-		TONY		2018-09-19		title	
B		ELX-I-43451		ASLAM		2021-12-29		BMI RIGHT ANGLE HEADER	
C		ELX-I-43460		AKHIL		2022-01-21		DUAL ROW, MTK3.0 STD	
dr		TONY LENG		2018-09-19		eng		AKHIL RAJAN	
eng		AKHIL RAJAN		2022-01-21		chr		MITHUN PAUL	
chr		MITHUN PAUL		2022-01-21		appd		SPK	
appd		SPK		2022-01-21		dwg no		sheet 1 of 3	
sheet index		revision sheet		C C C		1 2 3		10144754	
type		Product Customer Drawing		size		A3		Amphenol FCI	



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FOR 10144754-04XXKLF

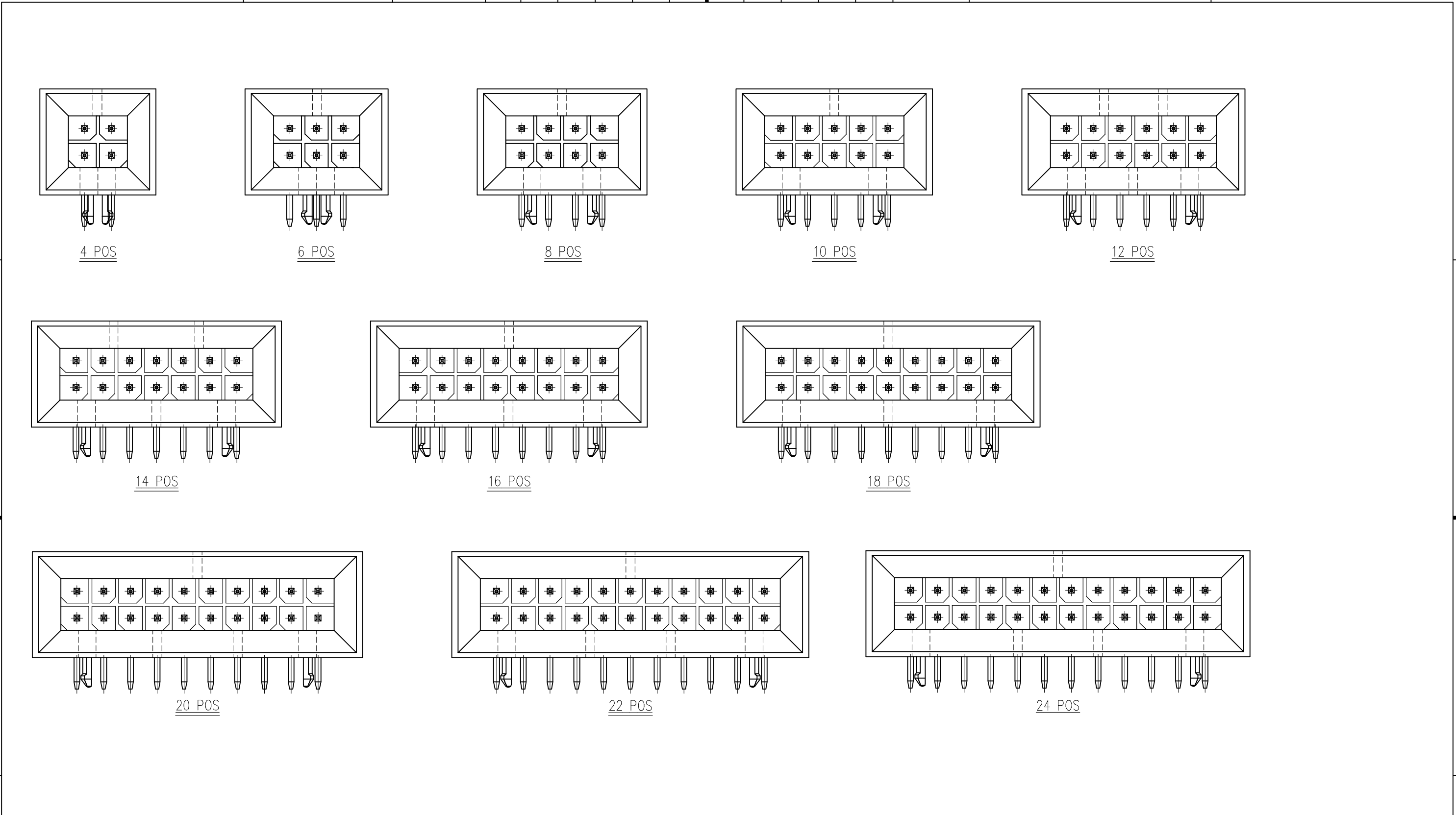


mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101				MINITEK PWR3.0	
ltr		ecn no		dr		date		title	
								BMI RIGHT ANGLE HEADER DUAL ROW, MTK3.0 STD	
		angles		linear		mm		scale N.T.S	
		0°±2'							
		dr		TONY LENG		2018-09-19		dwg no	
		engr		AKHIL RAJAN		2022-01-21		sheet 2 of 3	
		chr		MITHUN PAUL		2022-01-21		size	
		appd		SPK		2022-01-21		A3	
sheet index		revision sheet		C 1		C 2		C 3	



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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101				MINITEK PWR3.0	
ltr		ecn no		dr		date		title	
								BMI RIGHT ANGLE HEADER DUAL ROW, MTK3.0 STD	
		angles		linear		mm		dwg no	
		0°±2'		.0±.30 .00±.20 .000±.10		scale N.T.S		sheet 3 of 3 size	
		dr		TONY LENG		2018-09-19		10144754 A3	
		eng		AKHIL RAJAN		2022-01-21		type Product Customer Drawing	
		chr		MITHUN PAUL		2022-01-21			
		appd		SPK		2022-01-21			
sheet index		revision sheet		C C C					
		1 2 3							