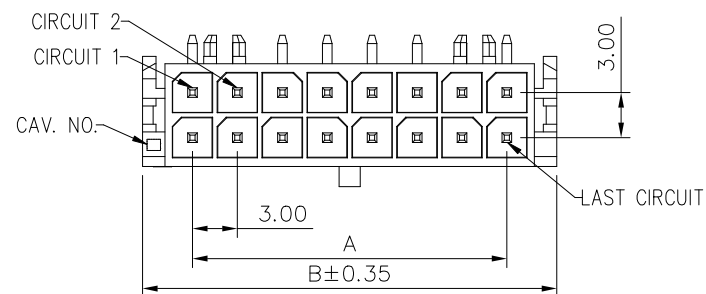


PRODUCT NUMBER

SEE PART NO. TABLE



NOTE:

1. MATERIAL:
HOUSING: PA9T, UL94V-0.
CONTACT: HIGH CONDUCTIVITY COPPER ALLOY.
2. CONTACT FINISH: NICKEL UNDERPLATED. OPTIONAL PLATING ON CONTACT AREA & SOLDER TAIL.
3. THIS PLUG MATES WITH FCI RECEPTACLE WIRE CONNECTOR 10132445.
4. PRODUCT SPECIFICATION: GS-12-1291.
5. THE PART IS APPLICABLE FOR PIP PROCESS AND WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 5 SECONDS IN A CONVENTION REFLOW OVEN.

7. PART NUMBER SCHEME:

10142446-XX XX XX XX XX LF

POS CODE:

02: 2 POS

04: 4 POS

24: 24 POS

PLATING CODE:

1: GOLD FLASH

2: MATTE TIN

PACKAGE:

T: TRAY

R: TAPE & REEL

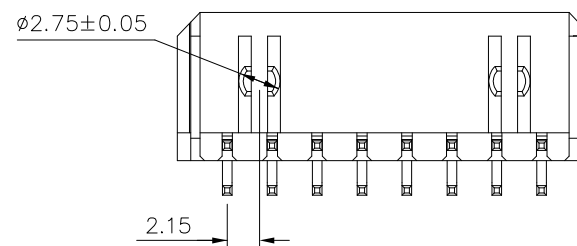
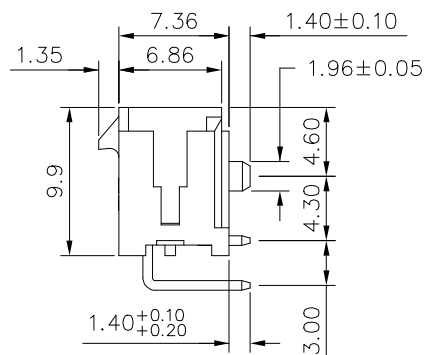
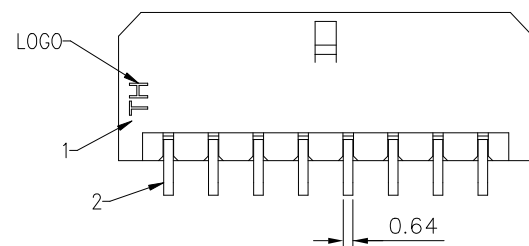
HSG MATERIAL:

G: PA9T

HSG COLOR:

1: BLACK

2: YELLOW

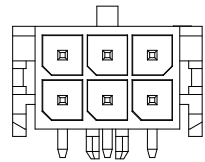


POS	A	B	POS	A	B
2	—	6.65	14	18.00	24.65
4	3.00	9.65	16	21.00	27.65
6	6.00	12.65	18	24.00	30.65
8	9.00	15.65	20	27.00	33.65
10	12.00	18.65	22	30.00	36.65
12	15.00	21.65	24	33.00	39.65

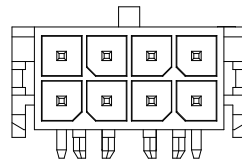
1	CONTACT	COPPER ALLOY, 0.64mm SQUARE PIN	
2	INSULATION	NYLON 9T, UL94V-0 (HALOGEN FREE);	
INDEX	PART NAME	MATERIAL	FINISH

mat'l. code				surface	tolerance	projection	product family			
litr				ecn no	dr	date	MINITEK PWR3.0 HCC			
A				TONY	2017-02-13		title			
B				ELX-N-26436	TONY	2017-03-22	MINITEK PWR3.0 R/A HEADER			
C				ELX-N-26824	TONY	2017-04-27	HIGH CURRENT, FOR PIP			
				dr	TONY LENG	2017-02-13	dwg no			
				enr	TONY LENG	2017-02-13	sheet 1 of 4			
				chr	ZK_HU	2017-02-13	size			
				appd	TIM_YAO	2017-02-13	A4			
sheet				revision	c	c	type			
index				sheet	1	2	Product Customer Drawing			

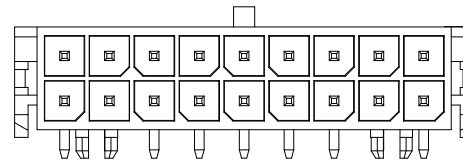
OUTLINE OF DIFFERENT PIN COUNTS



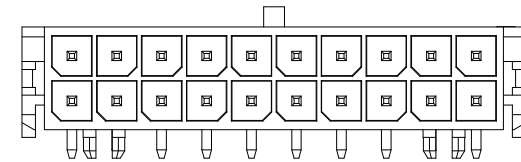
6 POS



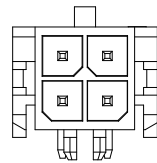
8 POS



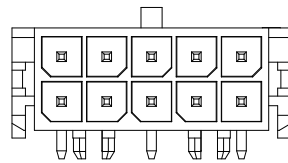
18 POS



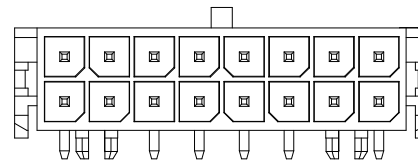
20 POS



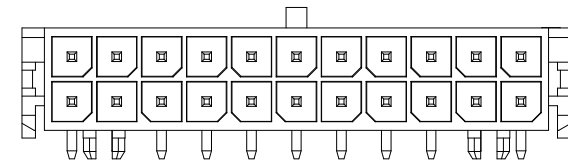
4 POS



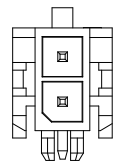
10 POS



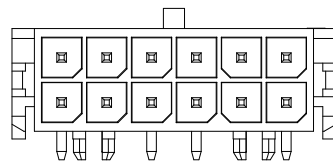
16 POS



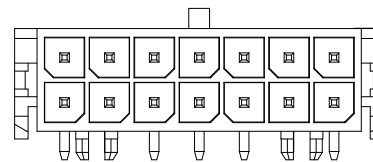
22 POS



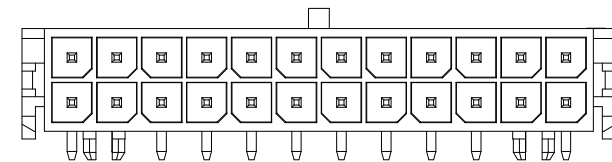
2 POS



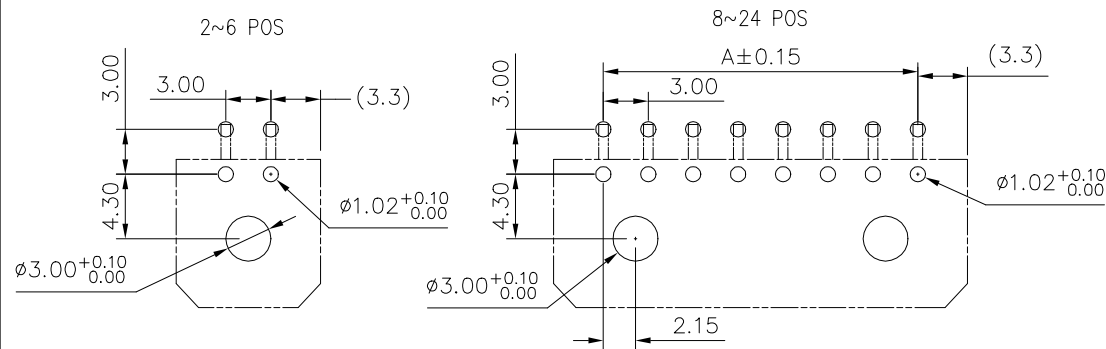
12 POS



14 POS

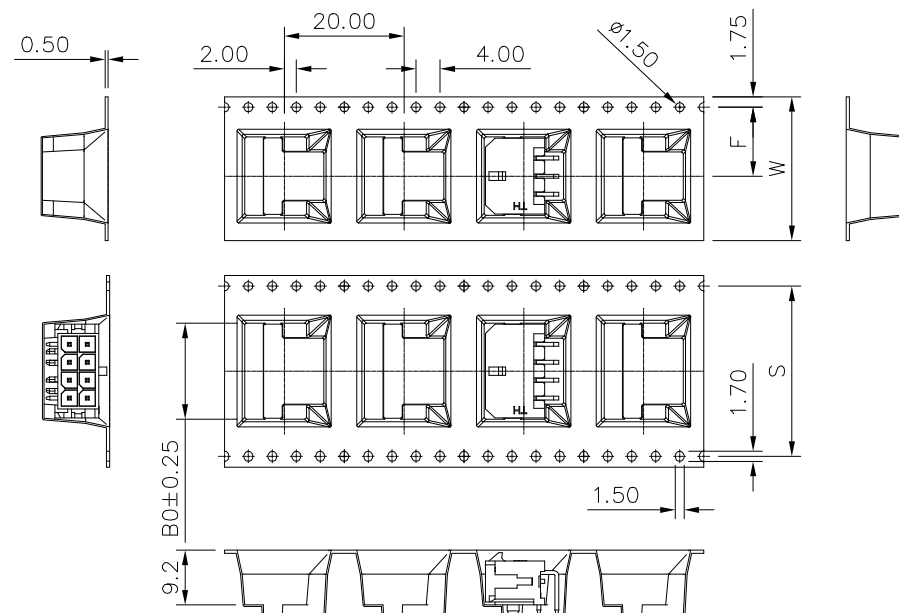
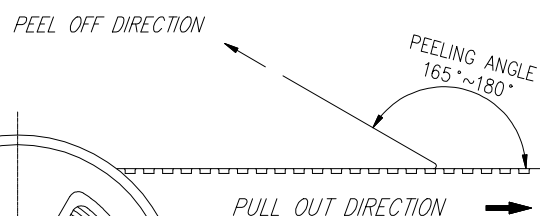
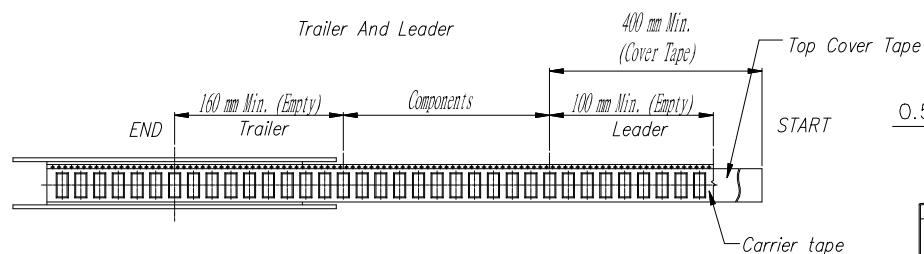


24 POS



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

[illegible]



POS	B0	F	S	W	W1	POS	B0	F	S	W	W1
2	7.05	7.50	--	16.00	16.50	14	25.05	20.20	40.40	44.00	44.50
4	10.05	11.50	--	24.00	24.50	16	28.05	20.20	40.40	44.00	44.50
6	13.05	11.50	--	24.00	24.50	18	31.05	20.20	40.40	44.00	44.50
8	16.05	14.20	28.40	32.00	32.50	20	34.05	26.20	52.40	56.00	56.50
10	19.05	14.20	28.40	32.00	32.50	22	37.05	26.20	52.40	56.00	56.50
12	22.05	20.20	40.40	44.00	44.50	24	40.05	26.20	52.40	56.00	56.50

1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ± 0.20
2. CARRIER CAMBER IS WITHIN 1 mm IN 250 mm
3. THE TOTAL TEARING CONTROL RANGE OF TOP COVER TAPE IS 10~130g, REFERENCE SPEC: EIA-481-D
4. PEELING SPEED: 300mm/MINUTES, REFERENCE SPEC: EIA-481-D
5. MATERIAL: TRANSPARENT CONDUCTIVE POLYSTYRENE ALLOY.
6. ALL DIMENSIONS MEET EIA-481-D REQUIREMENTS
7. THICKNESS : 0.40 ± 0.05 mm
8. BAG BEFORE SEALING PRODUCT SHOULD BE PUT 1-2 BAGS IN DESICCANT

mat'l. code				surface ☒		tolerance		projection		product family MINITEK PWR3.0 HCC									
ltr	ecn	no	dr	date			tolerances unless otherwise specified					title MINITEK PWR3.0 R/A HEADER HIGH CURRENT, FOR PIP							
							angles		linear	.X±0.35									
							.XX±0.25			mm									
							0°±5°			scale N.T.S.									
				dr	TONY LENG		2017-02-13		Amphenol FCi		dwg no				sheet 3 of 4		size		
				engr	TONY LENG		2017-02-13				10142446				A4				
				chr	ZK_HU		2017-02-13												
				appd	TIM_YAO		2017-02-13												
sheet	revision		c	c	c	c					type				Product	Customer	Drawing		
index	sheet		1	2	3	4													

PARTITION BOARD 2 PCS

INNER BAG

PROTECT TAPE

TRIANGLE BOARD 4 PCS

SHIPPING CARTON

TABEL

PACKING MATERIAL		PACKING CAPACITY			
PART NAME	DIM.(mm)	POS	PCS/RE	RE/BC	PCS/BC
REEL	Ø 330*(W+0.5)	2	300	12	3,600
CARTON	350*350*340	4~6	300	9	2,700
		8~10	300	7	2,100
		12~18	300	6	1,800
		20~24	300	5	1,500

mat'l. code				surface ☒		tolerance		projection 		product family MINITEK PWR3.0 HCC			
ltr	ecn	no	dr	date		tolerances unless otherwise specified						title	
						angles linear			 mm	MINITEK PWR3.0 R/A HEADER HIGH CURRENT, FOR PIP			
					.X±0.35								
					.XX±0.25								
						0°±5°			scale	N.T.S.			
					dr	TONY LENG	2017-02-13			dwg no		sheet 4 of 4	size
					enr	TONY LENG	2017-02-13			10142446		A4	
					chr	ZK_HU	2017-02-13						
					appd	TIM_YAO	2017-02-13						
sheet index		revision		c	c	c	c						
		sheet		1	2	3	4						