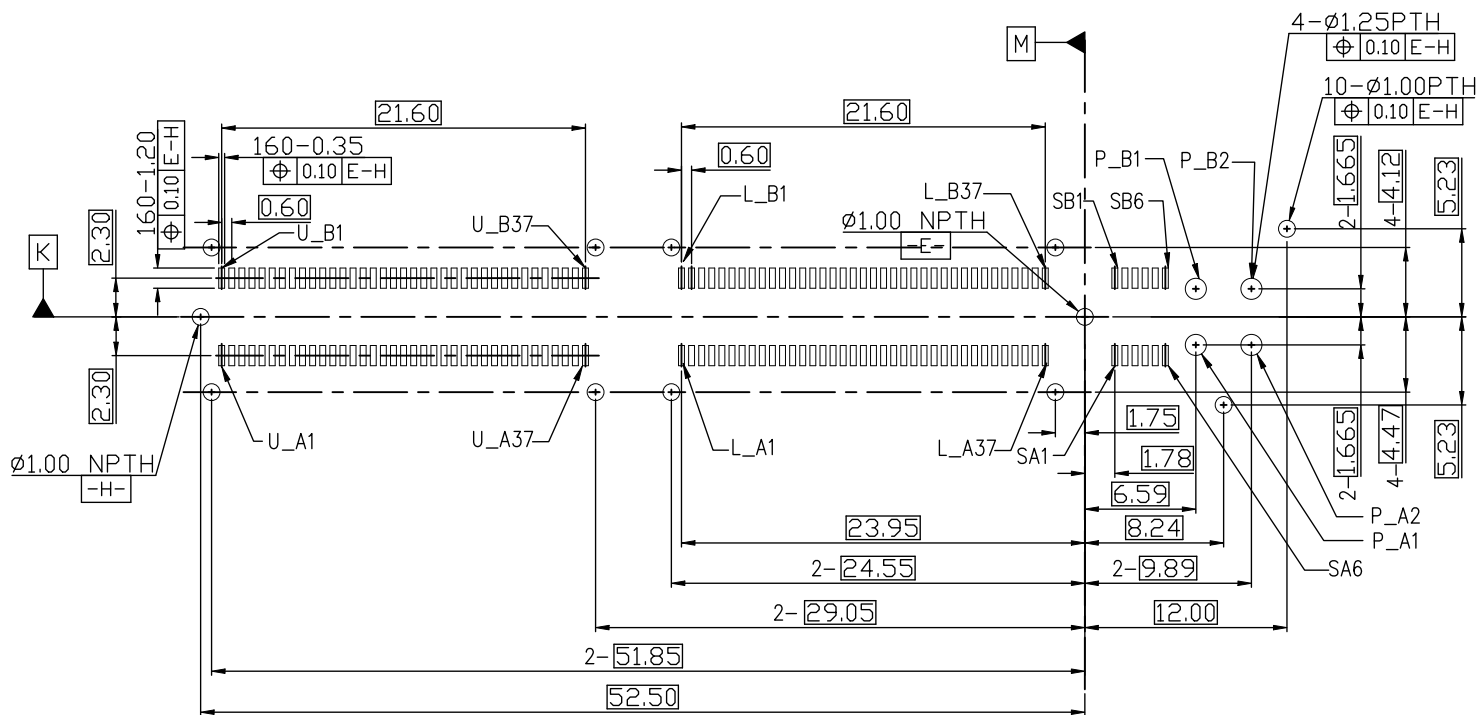


Halogen Free

C-DWG	TW	DATE	TITLE: MULTI-TRAK X16 21A POWER REC. CONN VERTICAL		
DESIGN:	Mikejiang	01/31'24	P/N: SEE P/N		
CHECK:	WILSON	01/31'24	SHEET: 1/6 		
APPROVAL:	BILL LIN	01/31'24	SCALE: 1:1 UNIT: mm		

Halogen Free

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	2023.12.13	Mikejiang
X2			ADDED PCB LAYOUT OPTION	2024.04.28	Mikejiang



RECOMMENDED PCB LAYOUT
TOLERANCE ± 0.05
OPTION 1

DIM		TOL			SHENZHEN DEREN ELECTRONIC CO., LTD						
x.		±0,30			x.		±2°		C-DWG TW DATE TITLE: MULTI-TRAK X16 21A POWER REC CONN VERTICAL P/N: SEE P/N SHEET: 2/6  SCALE: 1:1 UNIT: mm		
.x		±0.20			.x		±1°				
.xx		±0.15									
				DRAW NO.		DESIGN:		Mikejiang		01/31'24	
				SC2409897-1		CHECK:		WILSON		01/31'24	
				REV.		X2		APPROVAL:		BILL LIN 01/31'24	

Halogen Free

DIM	TOL	DIM	TOL		SHENZHEN DEREN ELECTRONIC CO. , LTD				
x.	±0.30	x.	±2"		C-DWG	TW	DATE	TITLE: MULTI-TRAK X16 21A POWER REC CONN VERTICAL	
.x	±0.20	.x	±1"		DRAW NO.	DESIGN:	Mikejiang	01/31'24	P/N: SEE P/N
.xx	±0.15				SC2409897-1	CHECK:	WILSON	01/31'24	SHEET: 3/6 
					REV. X2	APPROVAL:	BILL LIN	01/31'24	SCALE: 1:1 UNIT: mm

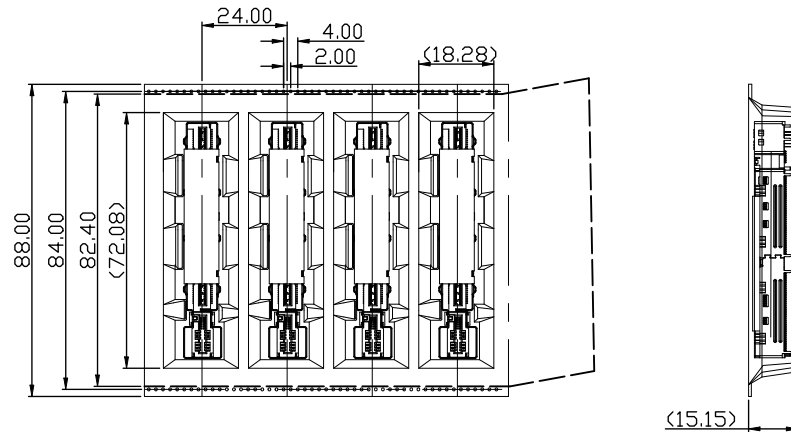
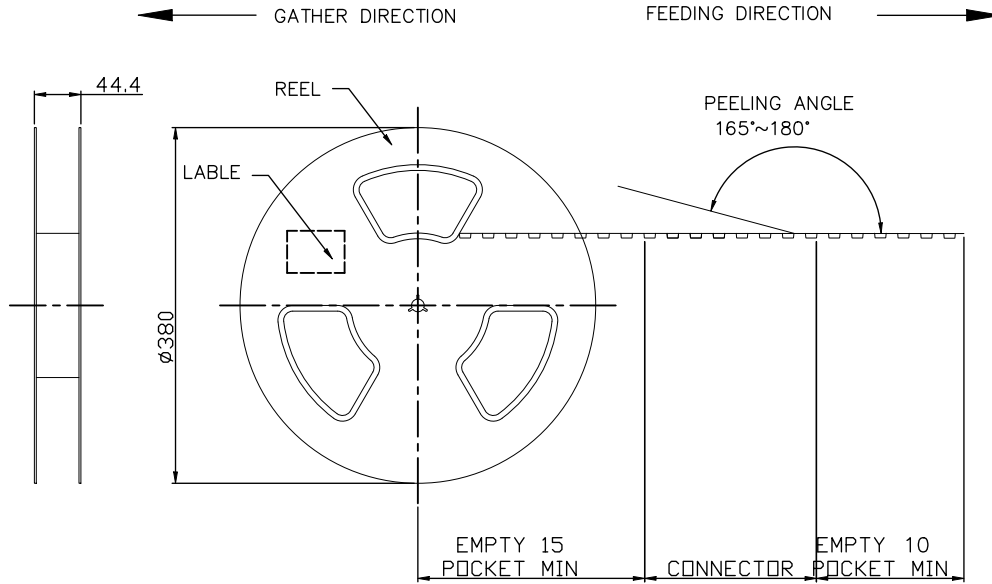
Halogen Free

	DEREN SHENZHEN DEREN ELECTRONIC CO., LTD				
	C-DWG	TW	DATE	TITLE: MULTI-TRAK X16 21A POWER REC CONN VERTICAL	
DRAW NO. SC2409897-1	DESIGN:	Mikejiang	01/31/24	P/N: SEE P/N	
	CHECK:	WILSON	01/31/24	SHEET: 4/6	
REV. X2	APPROVAL:	BILL LIN	01/31/24	SCALE: 1:1	UNIT: mm

1				2				3				4				5				6				7				8																											
HF Halogen Free Pin Assignment				REV.				ECN NO.				LOCATION				DESCRIPTION				DATE				DESIGN																															
				X1												INITIAL RELEASE				2023.12.13				Mikejiang																															
				X2												ADDED PCB LAYOUT OPTION				2024.04.28				Mikejiang																															
Refer to the latest M-PIC spec for mare pinout details this block				Pin	Signal				Signal				Pin				L_B15				PETn5				PERn5				L_A15				U_B25				GND				GND				U_A25										
				PB2				P12V_PRIMARY				P12V_PRIMARY				PA2				L_B14				PETp5				PERp5				L_A14				U_B24				PETn10				PERn10				U_A24							
				PB1				GND				GND				PA1				L_B13				GND				GND				L_A13				U_B23				PETp10				PERp10				U_A23							
				SB6												SA6				L_B12				CBL_PRES_A_PESTI_A_N				REFCLK_A_Dn				L_A12				U_B22				GND				GND				U_A22							
				SB5												SA5				L_B11				PERST_A_N				REFCLK_A_Dp				L_A11				U_B21				PETn11				PERn11				U_A21							
				SB4												SA4				L_B10				GND				GND				L_A10				U_B20				PETp11				PERp11				U_A20							
				SB3												SA3				L_B9				SMSDA_A				FLEXIO0_A				L_A9				U_B19				GND				GND				U_A19							
				SB2												SA2				L_B8				SMSCL_A				3p3AUX_MGMT				L_A8				U_B18				PETn12				PERn12				U_A18							
				SB1												SA1				L_B7				GND				GND				L_A7				U_B17				PETp12				PERp12				U_A17							
				Mechanical Key												L_B6				PETn6				PERn6				L_A6				U_B16				GND				GND				U_A16											
																L_B5				PETp6				PERp6				L_A5				U_B15				PETn13				PERn13				U_A15											
				L_B37				GND				GND				L_A37				L_B4				GND				GND				L_A4				U_B14				PETp13				PERp13				U_A14							
				L_B36				PETn0				PERn0				L_A36				L_B3				PETn7				PERn7				L_A3				U_B13				GND				GND				U_A13							
				L_B35				PETp0				PERp0				L_A35				L_B2				PETp7				PERp7				L_A2				U_B12				CBL_PRES_B_PESTI_B_N				REFCLK_B_Dn				U_A12							
				L_B34				GND				GND				L_A34				L_B1				GND				GND				L_A1				U_B11				PERST_B_N				REFCLK_B_Dp				U_A11							
				L_B33				PETn1				PERn1				L_A33				Mechanical Key												U_B10				GND				GND				U_A10											
				L_B32				PETp1				PERp1				L_A32								U_B37				GND				GND				U_A37																			
				L_B31				GND				GND				L_A31				U_B36				PETn8				PERn8				U_A36				U_B9				SMSDA_B				FLEXIO0_B				U_A9							
				L_B30				FLEXIO6_A				USB2_A_Dn				L_A30				U_B35				PETp8				PERp8				U_A35				U_B8				SMSCL_B				3p3AUX_MGMT				U_A8							
				L_B29				FLEXIO5_A				USB2_A_Dp				L_A29				U_B34				GND				GND				U_A34				U_B7				GND				GND				U_A7							
				L_B28				GND				GND				L_A28				U_B33				PETn9				PERn9				U_A33				U_B6				PETn14				PERn14				U_A6							
				L_B27				FLEXIO4_A				FLEXIO2_A				L_A27				U_B32				PETp9				PERp9				U_A32				U_B5				PETp14				PERp14				U_A5							
				L_B26				FLEXIO3_A				FLEXIO1_A				L_A26				U_B31				GND				GND				U_A31				U_B4				GND				GND				U_A4							
				L_B25				GND				GND				L_A25				U_B30				FLEXIO6_B				USB2_B_Dn				U_A30				U_B3				PETn15				PERn15				U_A3							
				L_B24				PETn2				PERn2				L_A24				U_B29				FLEXIO5_B				USB2_B_Dp				U_A29				U_B2				PETp15				PERp15				U_A2							
				L_B23				PETp2				PERp2				L_A23				U_B28				GND				GND				U_A28				U_B1				GND				GND				U_A1							
				L_B22				GND				GND				L_A22				U_B27				FLEXIO4_B				FLEXIO2_B				U_A27																							
				L_B21				PETn3				PERn3				L_A21				U_B26				FLEXIO3_B				FLEXIO1_B				U_A26																							
				L_B20				PETp3				PERp3				L_A20																																							
				L_B19				GND				GND				L_A19																																							
				L_B18				PETn4				PERn4				L_A18																																							
				L_B17				PETp4				PERp4				L_A17																																							
L_B16				GND				GND				L_A16																																											

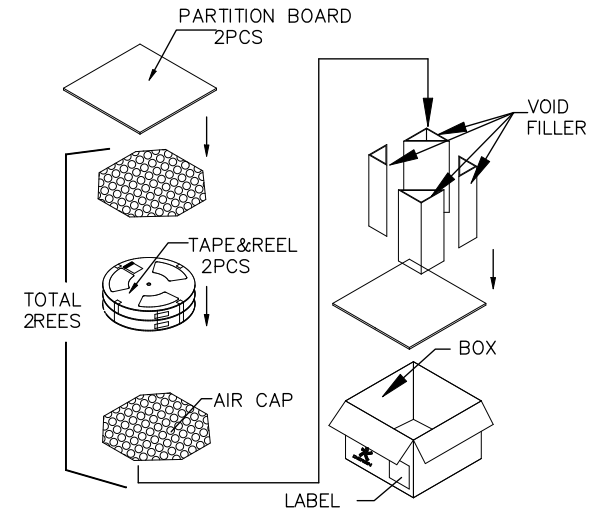
HF

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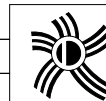
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	2023.12.13	Mikejiang
X2			ADDED PCB LAYOUT OPTION	2024.04.28	Mikejiang

- MATERIAL:
COVER TAPE: PET, COLOR: CLEAR
CARRIER TAPE: PET,
REEL: PS BLUE
SHIPPING BOX; CORRUGATED FIBER
- DIMENSION:
REEL: SEE DRAWING
BOX: 385X385X223mm
- QUANTITY: SEE TABLE



230	2	460
PCS/ REEL	REEL/ BOX	PCS/ BOX

DIM	TOL	DIM	TOL
.x	±0.30	.x	±2°
.x	±0.20	.x	±1°
.xx	±0.15		



DEREN
SHENZHEN DEREN ELECTRONIC CO.,LTD

C-DWG	TW	DATE	TITLE: MULTI-TRAK X16 21A POWER REC CONN VERTICAL
DESIGN:	Mikejiang	01/31'24	P/N: SEE P/N
CHECK:	WILSON	01/31'24	SHEET: 6/6
APPROVAL:	BILL LIN	01/31'24	SCALE: 1:1
REV.	X2		UNIT: mm