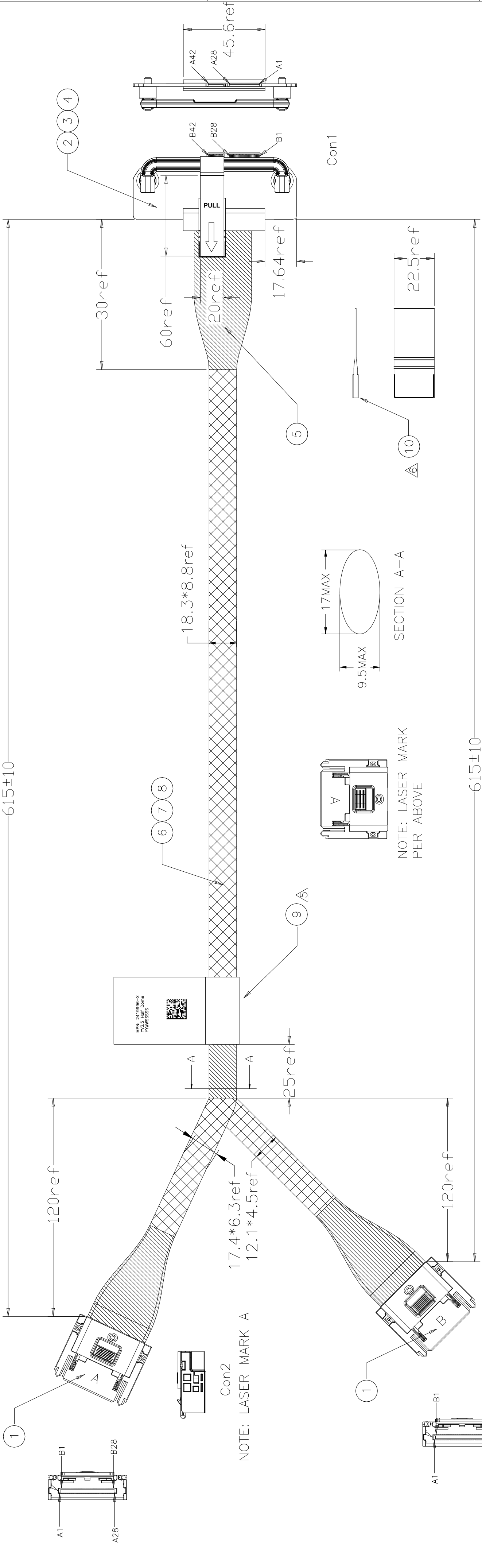
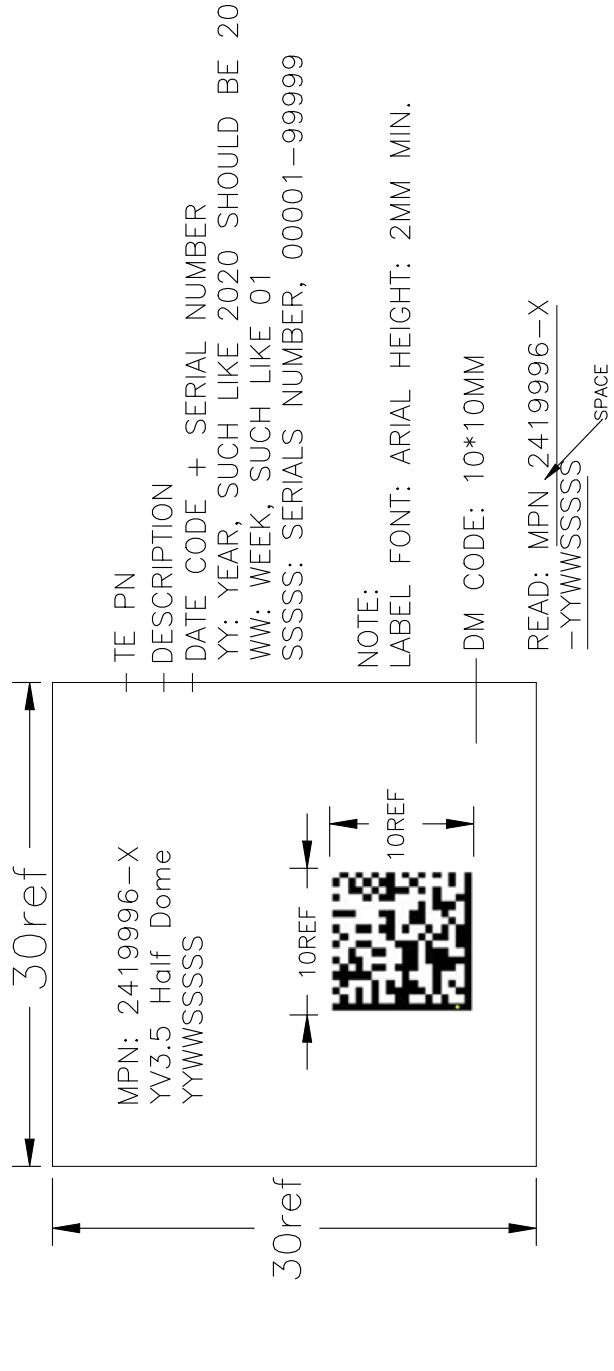


REVISIONS			
P	LTR	DESCRIPTION	DATE
4		CANCEL REV 3 CHANGES AND REVERT TO REV 2	22MAR2023
			CC DZ



NOTE: LASER MARK B

- NOTES:
- 100% ELECTRICAL TEST FOR CONTINUITY, OPENS AND SHORTS.
 - ALL MATERIALS. COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702. (CONTAINS NO BANNED OR RESTRICTED SUBSTANCES).
 - NO REACH SVHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SVHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.
 - LOW HALOGEN REQUIREMENT:
CL<900PPM, Br<900PPM, CL+Br<1500PPM PER HOMOGENEOUS MATERIAL.



- THE RUBBER MATERIAL IS TPE, HARDNESS: 75±5A. AND THIS MUST MEET UL94 V-0.
- THE PULL TAB MUST MEET UL94 VTM-0.

- THE CABLE SHIELD REQUIREMENT FOLLOW PCIE GEN4 SPEC., SDD21<-6dB@8GHz
- RISE TIME: 50PS(20%~80%) ON THE MATED POINT
- MATED AND CABLE IMPEDANCE: 85±10 OHM
- CONDUCTOR OUTER DIAMETER AWG: 30
- CONDUCTOR RESISTANCE: 2 OHM MAX
- INSULATION RESISTANCE: 10M OHM MIN/300V DC, 10MS.

2419996-1	615±10
TE P/N	L

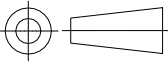
1	PC	PULL TAB RUBBER	10
1	PC	LABEL	9
AR	MR	DP WIRE, 20G, 30AWG	8
AR	MR	BRAID SLEEVE	7
AR	MR	UL WIRE, AWM STYLE, 30AWG	6
AR	MR	ACETATE TAPE, BLACK	5
1	PC	PULL TAB, HF, PANTONE 375C	4
1	PC	HANDLE(SOUTHCO: J-P8-99-243) (TE: 2400786-1)	3
1	PC	PADDLE CARD SLIVER 2.0 84P	2
2	PC	TE SLIVER 2.0 56P	1
QTY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CARTER CHEN 22MAR2023	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK DAVID ZHANG 22MAR2023		
DIMENSIONS: mm		APVD DAVID ZHANG 22MAR2023	NAME YOS_V3_5_1X2_CPU_CABLE_TE_615mm	
0 PLC ± -		PRODUCT SPEC		
1 PLC ± -				
2 PLC ± -				
3 PLC ± -				
4 PLC ± -				
ANGLES ± -		APPLICATION SPEC		
FINISH ± -				
MATERIAL -		WEIGHT 0		
		SIZE A2		
		CAGE CODE 00779		
		DRAWING NO C-2419996		
		RESTRICTED TO -		
		SCALE 1:1		
		SHEET 1 of 3		
		REV 4		
		CUSTOMER DRAWING		

Cable Pin Definition				
Golden Finger	Paddle card	Wire mount	Wire	Conn2/Conn3
A1	BB_BIC_READY	A1	BB_BIC_READY	Conn2 A1
A2	SMB_BMC_CPLD_SDA	A2	SMB_BMC_CPLD_SDA	Conn2 A2
A3	SMB_BMC_CPLD_SCL	A3	SMB_BMC_CPLD_SCL	Conn2 A3
A4	SMB_BMC_CPLD_ALT_N	A4	SMB_BMC_CPLD_ALT_N	Conn2 A4
A5	GND	A5	GND	Conn2 A5
A6	PWRBTN_N	A6	PWRBTN_N	Conn2 A6
A7	RST_BMC_N	A7	RST_BMC_N	Conn2 A7
A8	FM_BMC_RST_RTCRST	A8	FM_BMC_RST_RTCRST	Conn2 A8
A9	Copper pad2	A9	Copper pad2	Conn2 A9
A10	Copper pad1	A10	Copper pad1	Conn2 A10
A11	GND	A11	GND	Conn2 A11
A12	PRSNT_SB_N	A12	PRSNT_SB_N	Conn2 A12
A13	GND	A13	GND	Conn2 A28
A14	REFCLKn0	A14	REFCLKn0	Conn2 A27
A15	REFCLKp0	A15	REFCLKp0	Conn2 A26
A16	GND	A16	GND	Conn2 A25
A17	PERn0	A17	PERn0	Conn2 A24
A18	PERp0	A18	PERp0	Conn2 A23
A19	GND	A19	GND	Conn2 A22
A20	PERn1	A20	PERn1	Conn2 A21
A21	PERp1	A21	PERp1	Conn2 A20
A22	GND	A22	GND	Conn2 A19
A23	PERn2	A23	PERn2	Conn2 A18
A24	PERp2	A24	PERp2	Conn2 A17
A25	GND	A25	GND	Conn2 A16
A26	PERn3	A26	PERn3	Conn2 A15
A27	PERp3	A27	PERp3	Conn2 A14
A28	GND	A28	GND	Conn2 A13
A29	GND	A29	GND	Conn3 A25
A30	PERn4	A30	PERn4	Conn3 A24
A31	PERp4	A31	PERp4	Conn3 A23
A32	GND	A32	GND	Conn3 A22
A33	PERn5	A33	PERn5	Conn3 A21
A34	PERp5	A34	PERp5	Conn3 A20
A35	GND	A35	GND	Conn3 A19
A36	PERn6	A36	PERn6	Conn3 A18
A37	PERp6	A37	PERp6	Conn3 A17
A38	GND	A38	GND	Conn3 A16
A39	PERn7	A39	PERn7	Conn3 A15
A40	PERp7	A40	PERp7	Conn3 A14
A41	GND	A41	GND	Conn3 A13
A42	GND	A42		
			GND	Conn3 A11

Golden Finger	Paddle card	Wire mount	Wire	Conn2/Conn3
B1	SMB_IPMB_BMC_BIC_SB_SDA	B1	SMB_IPMB_BMC_BIC_SB_SDA	Conn2 B1
B2	SMB_IPMB_BMC_BIC_SB_SCL	B2	SMB_IPMB_BMC_BIC_SB_SCL	Conn2 B2
B3	GND	B3	GND	Conn2 B3
B4	AC_ON_OFF_BTN_R	B4	AC_ON_OFF_BTN_R	Conn2 B4
B5	FM_HSC_FAULT_N	B5	FM_HSC_FAULT_N	Conn2 B5
B6	FM_BMC_HSC_EN_R	B6	FM_BMC_HSC_EN_R	Conn2 B6
B7	PWRGD_SB_STBY_PWROK	B7	PWRGD_SB_STBY_PWROK	Conn2 B7
B8	RST_PCIE_NIC_PERST_N	B8	RST_PCIE_NIC_PERST_N	Conn2 B8
B9	UART_REQ_R_N	B9	UART_REQ_R_N	Conn2 B9
B10	GND	B10	GND	Conn2 B10
B11	UART_CPLD_MUX_RXD	B11	UART_CPLD_MUX_RXD	Conn2 B11
B12	UART_CPLD_MUX_R_TXD	B12	UART_CPLD_MUX_R_TXD	Conn2 B12
B13	GND	B13	GND	Conn2 B13
B14	USB_DN	B14	USB_DN	Conn2 B14
B15	USB_DP	B15	USB_DP	Conn2 B15
B16	GND	B16	GND	Conn2 B28
B17	PETn0	B17	PETn0	Conn2 B27
B18	PETp0	B18	PETp0	Conn2 B26
B19	GND	B19	GND	Conn2 B25
B20	PETn1	B20	PETn1	Conn2 B24
B21	PETp1	B21	PETp1	Conn2 B23
B22	GND	B22	GND	Conn2 B22
B23	PETn2	B23	PETn2	Conn2 B21
B24	PETp2	B24	PETp2	Conn2 B20
B25	GND	B25	GND	Conn2 B19
B26	PETn3	B26	PETn3	Conn2 B18
B27	PETp3	B27	PETp3	Conn2 B17
B28	GND	B28	GND	Conn2 B16
B29	GND	B29	GND	Conn3 B28
B30	PETn4	B30	PETn4	Conn3 B27
B31	PETp4	B31	PETp4	Conn3 B26
B32	GND	B32	GND	Conn3 B25
B33	PETn5	B33	PETn5	Conn3 B24
B34	PETp5	B34	PETp5	Conn3 B23
B35	GND	B35	GND	Conn3 B22
B36	PETn6	B36	PETn6	Conn3 B21
B37	PETp6	B37	PETp6	Conn3 B20
B38	GND	B38	GND	Conn3 B19
B39	PETn7	B39	PETn7	Conn3 B18
B40	PETp7	B40	PETp7	Conn3 B17
B41	GND	B41	GND	Conn3 B16
B42	GND	B42	GND	Conn3 B16

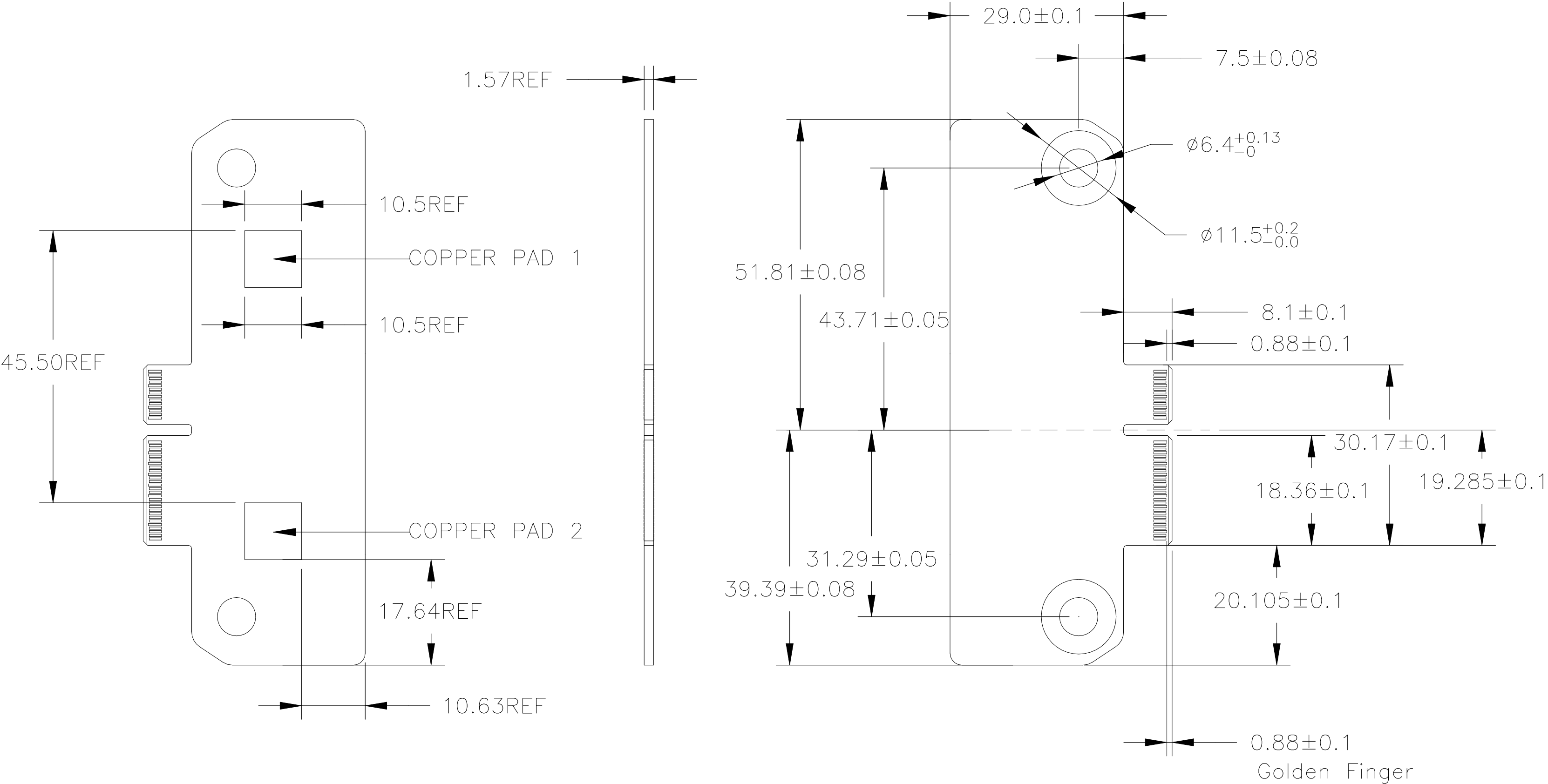
NOTE:
Add GND signal at cable
side PCB between A2 and
A3 / B1 and B2 pins

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CARTER_CHEN 22MAR2023		TE Connectivity						
DIMENSIONS: mm		CHK DAVID_ZHANG 22MAR2023								
		APVD DAVID_ZHANG 22MAR2023		NAME YOS_V3_5_1X2_CPU_CABLE_TE_615mm						
		PRODUCT SPEC		-						
MATERIAL		FINISH		APPLICATION SPEC		SIZE A2		CAGE CODE 00779	DRAWING NO C=2419996	RESTRICTED TO
				WEIGHT		-				
CUSTOMER DRAWING								SCALE 1:1	SHEET 2 of 3	REV 4

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

NOTES:

1. ALL GND OF Golden Finger ARE SHORTED WITHIN Con1.



PADDLE CARD FOR REFERENCE ONLY
DIMENSIONS ARE CONTROLLED IN PCB ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CARTER CHEN 22MAR2023	TE Connectivity		
		CHK DAVID ZHANG 22MAR2023			
DIMENSIONS: mm		APVD DAVID ZHANG 22MAR2023	NAME YOS_V3_5_1X2_CPU_CABLE_TE_615mm		
		PRODUCT SPEC	-		
		APPLICATION SPEC	-		
MATERIAL -		WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C=2419996
FINISH -		CUSTOMER DRAWING		SCALE 1:1	SHEET 3 OF 3
				REV 4	