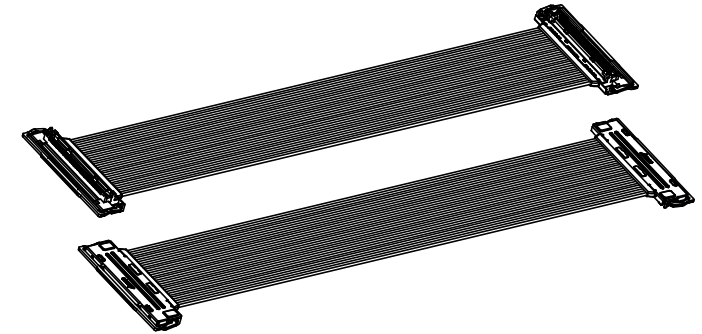
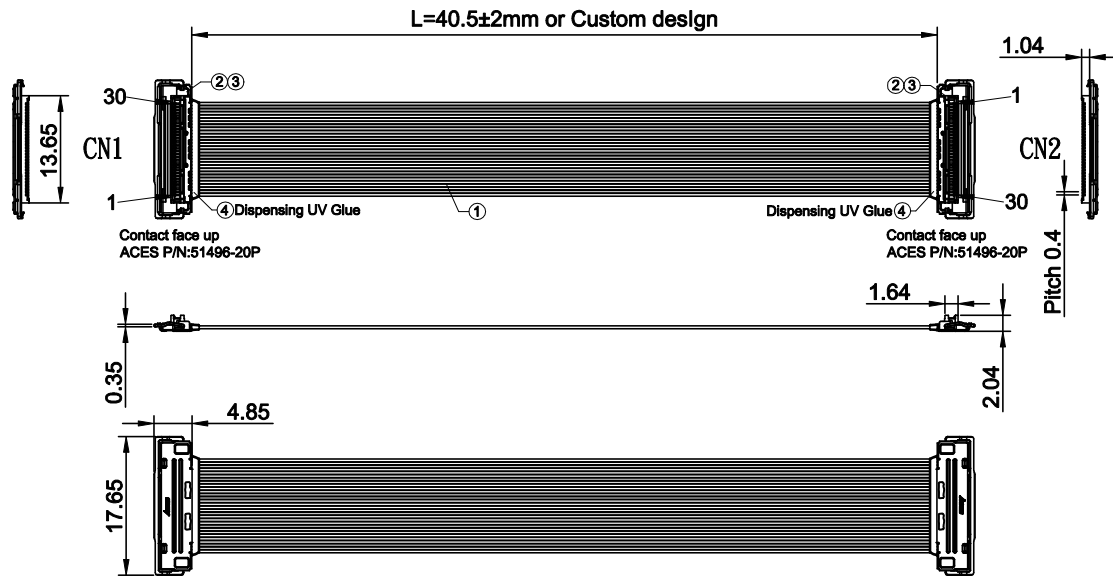


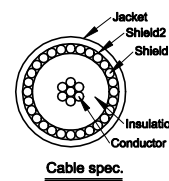
RoHS 2.0+HF

REV.	DESCRIPTION	DESIGN	DATE
A	First Drawing	Luyao.Liu	2023/08/03



Cable spec.
This specification covers UL recognized PFA insulated wire for internal wiring of electronic equipment.
[UL style 1354/80°C, 30V]

1. Construction			
Inner conductor	AWG	—	40
	Material	—	Tinned copper Alloy
	Construction	No./mm	7/0.03±0.003
	Pitch	mm	S P=1.0-2.0
Insulation	Die.(approx)	mm	0.09±0.01
	Material	—	PFA
	Norm. Thickness	mm	0.075
	Min. Thickness	mm	0.060
Shield 1	Die.(approx)	mm	0.245±0.02
	Color	—	White
	Material	—	Tinned copper Alloy
	Construction	—	0.03-0+0.005
Shield 2	The number of metal	pcs	28±2
	Pitch	mm	4.8±0.05
	Material	—	Cu metallized polyester tape
	Overlapping	%	≥80
Jacket	Con-struction	—	Wrapping
	Material	—	PET
	Con-struction	—	Wrapping
	Norm. Thickness	mm	0.01
Jacket	Die.(approx)	mm	0.35±0.02
	Color	—	Blue



Cable spec.

PIN ASSIGNMENT:

CN1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CN2	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
COLOR	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE	BLUE
WIRE	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	40#	
ohm	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	

2.Characteristics		
Item	Unit	Spec.
Rated temperature	℃	80
Rated voltage	V	30
Max. conductor resistance at 20°C	Ω/km	5000
Min. insulation resistance at 20°C	MΩ·km	1000
Dielectric withstanding voltage	V/min.	500
Unaged elongation	%(min)	200
Unaged tensile strength	kg/mm ²	1.78
Flammability	—	VW-1
Max current	A	0.40
Characteristic impedance (at D-TDR)	Ohm	50 ± 5 Ω

NOTES:

- 1.Dimension Shall Be Interpreted Per ASME Y14.5M-2018.
- 2.Electrical Test:
 - 2.1;100% OPEN & SHORT TEST.
 - 2.2;Conductor Resistance:≤2.0Ω
 - 2.3;Insulation Resistance:DC 200V/10MΩ
 - 2.4;Withstanding Voltage:AC 100V/0.1S/0.5mA
- 3.△Is the change point

4	UV	UV Glue	A/R	G
3	SHELL	ACES P/N:51496-MB2P-030 PLUG&U-BAR ASSEMBLY	2	PCS
2	CONNECTOR	ACES P/N:51496-0302P-001 0.4 PITCH LVDS VERTICAL TYPE PLUG	2	PCS
1	WIRE	COAXIAL UL1354 40AWG COLOR:BLUE OD:0.35mm 50Ω VW-1	A/R	mm
NO.	Name	Product Name	Qty	Unit

QUALITY SYMBOLS	DRAWN BY	DATE		
MAJOR Ⓢ	Luyao.liu	2023/08/03		
CRITICAL Ⓢ	CHECKED BY	DATE	51496-30Pin LVDS cable	
GENERAL TOLERANCES (UNLESS SPECIFIED)	Dyan xu	2023/08/03		
300以上 ±5	APPROVED BY	DATE	SIZE	RFO NO.
101-300 ±3	Ocean li	2023/08/03	A4	PART NO.
31-100 ±2			Free	DWG NO.
0-30 ±1			SCALE	
ANGLES ±5°			10F2	
			SHEET NO.	
			REV	

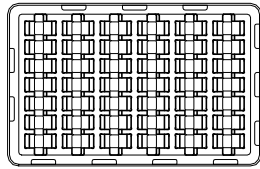
RoHS 2.0+HF

REV.	DESCRIPTION	DESIGN	DATE
A	First Drawing	Luyao.Liu	2023/08/03

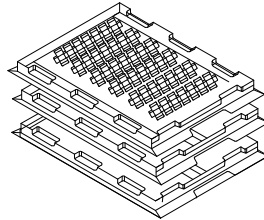
Packing



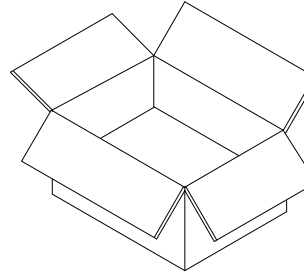
LVDS cable



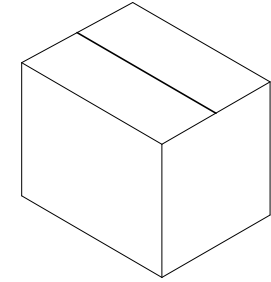
Tray(42Pcs)



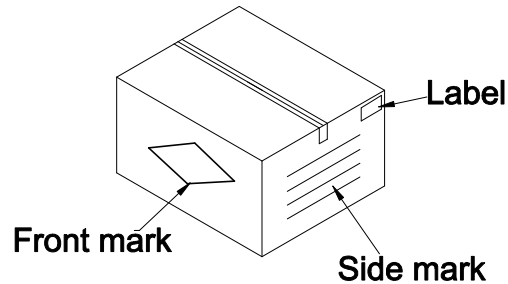
Tray(50Layer)



Carton



2100Pcs/Carton



PACKING:

- 1.Product weight:0.9±10%g
- 2.42Pcs/Tray,50 Layer/Carton,2100Pcs.
- 3.Cartn size:450*300*300mm

QUALITY SYMBOLS MAJOR Ⓜ CRITICAL Ⓢ GENERAL TOLERANCES (UNLESS SPECIFIED) 300以上 ±5 101~300 ±3 31~100 ±2 0~30 ±1 ANGLES ±5°	DRAWN BY Luyao.liu	DATE 2023/08/03				
	CHECKED BY Dyan xu	DATE 2023/08/03			TITLE 51496-30Pin LVDS cable	
	APPROVED BY Ocean li	DATE 2023/08/03	UNITS mm		SIZE A4	RFO NO.
			SCALE Free	SHEET NO. 20F2	REV A	PART NO. 30-5738-303HF-FA
						DWG NO.