



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

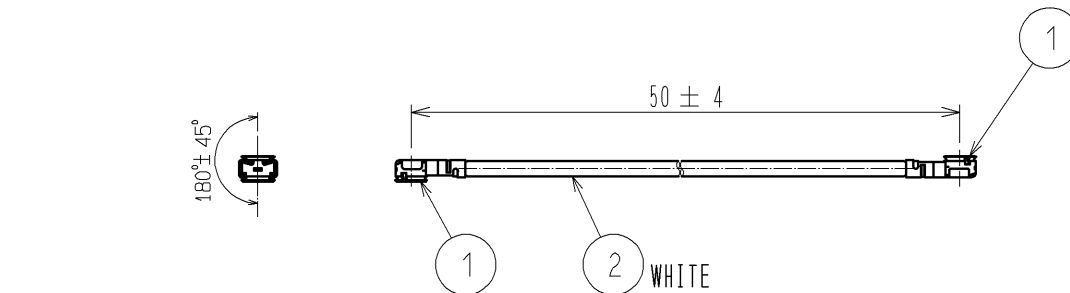
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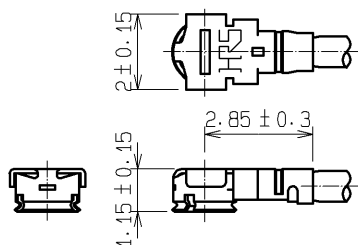
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +90°C(90%RH MAX)	STORAGE TEMPERATURE RANGE	-40°C TO +90°C(90%RH MAX)	
	POWER	———W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 6GHz)	
	PECULIARITY	———	APPLICABLE CABLE	FWS5033 (WHITE) :KURABE INDUSTRIAL CO.,LTD.	
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	x x
MARKING		CONFIRMED VISUALLY.			x x
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		10 mA MAX (DC OR 1000 Hz).	CENTER CONTACT 116 mΩ MAX.	x	x
			OUTER CONTACT 37 mΩ MAX.	x	x
INSULATION RESISTANCE		100 VDC.	500 MΩ MIN.	x	x
VOLTAGE PROOF		200 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	x	x
VOLTAGE STANDING WAVE RATIO		FREQUENCY 0.045 TO 3 GHz.	VSWR 1.3 MAX.	x	—
		FREQUENCY 3 TO 6 GHz.	VSWR 1.4 MAX.		
INSERTION LOSS		FREQUENCY ----- TO ---- GHz	——— dB MAX.	—	—
MECHANICAL CHARACTERISTICS					
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)		APPLYING A PULL FORCE THE CABLE AXIALLY AT 7 N MAX.	① NO WITHDRAWAL AND BREAKAGE OF CABLE. ② NO BREAKAGE OF CLAMP.	x	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	NK. NINOMIYA	14.05.14
RoHS COMPLIANT.			CHECKED	MT. KANEKO	14.05.14
			DESIGNED	MS. MATSUMOTO	14.05.13
Unless otherwise specified, refer to JIS C 5402 / IEC-60512.			DRAWN	MS. MATSUMOTO	14.05.13
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-357220-03
HRS	SPECIFICATION SHEET		PART NO.	W. FL-2LP-04K1T-AC- (50)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL321-6165-9-03	△ 1/1

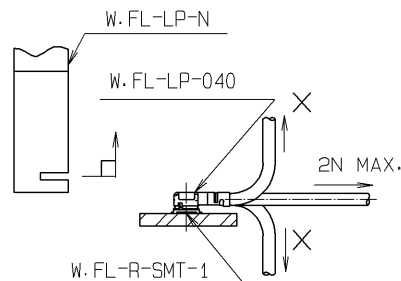


[DIMENSIONS OF CONNECTOR]

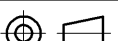




[PRECAUTIONS FOR HANDLING]

- ◆Connector insertion and extraction
 - a. Connector shall be extracted vertically by specialised extraction JIG.
Part No. : W.FL-LP-N (CL Code: CL331-0492-0)
Never hold the cable when extracting the cable because it damages the connector.
 - b. Insert the connector as perpendicularly to the mating surface as possible by aligning the mating axes of both connectors. Do not excessively slant the connectors when inserting.
- ◆Allowable loads on the cable after the connectors are mated.
The figures below show the maximum allowable loads on the cable. Do not apply loads exceeding these values to the cable.



RoHS COMPLIANT

1	W. FL-LP-040	CL331-0476-3			2	FWS5033(WHITE)	KURABE INDUSTRIAL CO., LTD.		
NO.	PART NO.	CODE NO.			NO.	PART NO.	MANUFACTURER		
UNITS mm		SCALE FREE	COUNT 	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : NK. NINOMIYA		14. 05. 14	DRAWING NO. EDC4-357220-03				
		CHECKED : MT. KANEKO		14. 05. 14	PART NO. W. FL-2LP-04K1T-AC-(50)				
		DESIGNED : MS. MATSUMOTO		14. 05. 13	CODE NO. CL321-6165-9-03				
		DRAWN : MS. MATSUMOTO		14. 05. 13	