



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!



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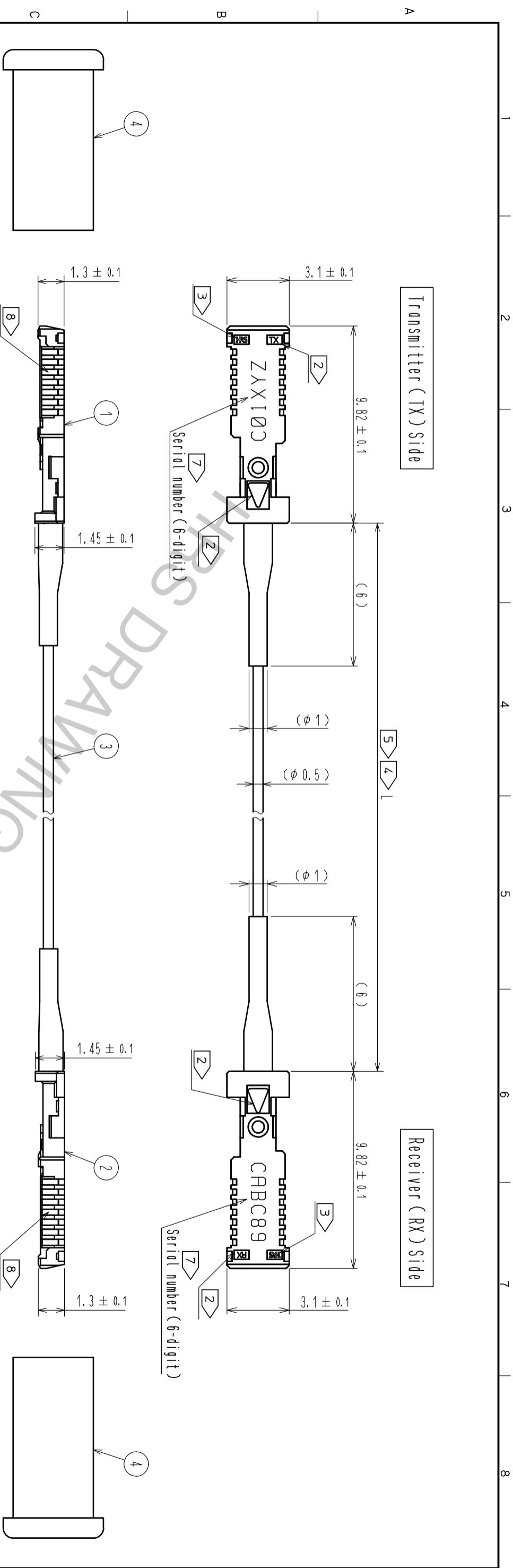


Table 1 Parts list

No	Parts name	Details	Note
①	Transmitter plug (TX)	Housing : LCP (White) Contact : Phosphor bronze (Au plating) Plate : Phosphor bronze (Ni plating) VCSL : GdAs VCSL driver : Si (CMOS) Bonding wire : Au Sealing resin : Epoxy Heat shrink tubing : Polyolefin (Black)	Suitable receptacle connector BF4-TX-14DS-0.5V
②	Receiver plug (RX)	Housing : LCP (White) Contact : Phosphor bronze (Au plating) Plate : Phosphor bronze (Ni plating) PD : GdAs TIA/LA : Si(CMOS) Bonding wire : Au Sealing resin : Epoxy Heat shrink tubing : Polyolefin (Black)	Suitable receptacle connector BF4-RX-14DS-0.5V
③	Optical fiber	Fiber : Silica glass Coating : ⑥ UV curable resin/Thermoplastic resin	Outer dia. : 0.5mm Fiber type : 61 50/80 Color : Red
④	ESD cup	Polyester elastomer (Black, Antistatic)	—

⑤ Table 2 Cable length vs tolerance

Cable length · L'	Tolerance	Note
L ≤ 1m	—	Please see the other drawing.
1m ≤ L < 2m	±5% of cable length · L'	Packed in antistatic poly bag
2m ≤ L ≤ 5m	±3% of cable length · L'	Winding on the spool (dia. 66mm)
5m < L	—	—

Note 1 Please see design note ETAD-K0671 for more information about specifications.
 ② This is an identification mark for TX side and RX side.
 ③ Manufacturer's mark.
 ④ Dimension 'L' means optical fiber cable length and '**' in the part number in the same value with 'L'. (Unit : m)
 ⑤ Table 2 shows the tolerance of optical fiber cable length. Please inquire to Hirose sales staff about the request of tolerance.
 ⑥ The optical fiber coating contains less than 100ppm dibutyltin compounds (DBT) as an intentionally-doped catalysts. (Comply with Reach regulation)
 ⑦ 6-digit serial number shall be marked around directed area by laser marking.
 ⑧ There may be the sliding trace around the contact points, because of the test process in HRS by mating with inspection connector. (There is no bad effect for the performance)

UNITS	mm	SCALE	5 : 1	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
		HIROSE ELECTRIC CO., LTD. Approved : MT. SHIBUTANI 15.04.21 Checked : OM. MIYAMOTO 15.04.21 Designed : YA. SANNO 15.04.21 Drawn : YA. SANNO 15.04.21						
DRAWING NO. EDC-179522-00-00 PART NO. BF4MC-6GTXRX-B1-**M CODE NO.								