

Technical drawing of a Hirose Electric connector, showing dimensions, pin configurations, and assembly details.

Dimensions:

- Overall length: 73.29 ± 0.5
- Pin pitch: 1.27 ± 0.15
- Pin diameter: 0.8 ± 0.1
- Pin length: 10.8 ± 0.3
- Pin thickness: 0.2 ± 0.1
- Pin spacing: $47 \times 1.27 = 59.69 \pm 0.2$
- Pin thickness: 1.27 ± 0.05
- Pin thickness: 1.905 ± 0.05
- Pin thickness: 9.525 ± 0.1
- Pin thickness: 1.27 ± 0.05
- Pin thickness: 59.69 ± 0.1
- Pin thickness: 1.27 ± 0.05
- Pin thickness: 1.905 ± 0.2
- Pin thickness: 9.525 ± 0.3

Pin Configurations:

- ROW A: 14 pins (1-14)
- ROW B: 14 pins (15-28)
- ROW C: 14 pins (29-42)
- ROW D: 14 pins (43-56)
- ROW E: 14 pins (57-70)
- ROW F: 14 pins (71-84)
- ROW G: 14 pins (85-98)
- ROW H: 14 pins (99-112)
- ROW I: 14 pins (113-126)
- ROW J: 14 pins (127-140)
- ROW K: 14 pins (141-154)
- ROW L: 14 pins (155-168)
- ROW M: 14 pins (169-182)
- ROW N: 14 pins (183-196)
- ROW O: 14 pins (197-210)
- ROW P: 14 pins (211-224)
- ROW Q: 14 pins (225-238)
- ROW R: 14 pins (239-252)
- ROW S: 14 pins (253-266)
- ROW T: 14 pins (267-280)
- ROW U: 14 pins (281-294)
- ROW V: 14 pins (295-308)
- ROW W: 14 pins (309-322)
- ROW X: 14 pins (323-336)
- ROW Y: 14 pins (337-350)
- ROW Z: 14 pins (351-364)
- ROW AA: 14 pins (365-378)
- ROW AB: 14 pins (379-392)
- ROW AC: 14 pins (393-406)
- ROW AD: 14 pins (407-420)
- ROW AE: 14 pins (421-434)
- ROW AF: 14 pins (435-448)
- ROW AG: 14 pins (449-462)
- ROW AH: 14 pins (463-476)
- ROW AI: 14 pins (477-490)
- ROW AJ: 14 pins (491-504)
- ROW AK: 14 pins (505-518)
- ROW AL: 14 pins (519-532)
- ROW AM: 14 pins (533-546)
- ROW AN: 14 pins (547-560)
- ROW AO: 14 pins (561-574)
- ROW AP: 14 pins (575-588)
- ROW AQ: 14 pins (589-602)
- ROW AR: 14 pins (603-616)
- ROW AS: 14 pins (617-630)
- ROW AT: 14 pins (631-644)
- ROW AU: 14 pins (645-658)
- ROW AV: 14 pins (659-672)
- ROW AW: 14 pins (673-686)
- ROW AX: 14 pins (687-700)
- ROW AY: 14 pins (701-714)
- ROW AZ: 14 pins (715-728)
- ROW BA: 14 pins (729-742)
- ROW BB: 14 pins (743-756)
- ROW BC: 14 pins (757-770)
- ROW BD: 14 pins (771-784)
- ROW BE: 14 pins (785-798)
- ROW BF: 14 pins (799-812)
- ROW BG: 14 pins (813-826)
- ROW BH: 14 pins (827-840)
- ROW BI: 14 pins (841-854)
- ROW BJ: 14 pins (855-868)
- ROW BK: 14 pins (869-882)
- ROW BL: 14 pins (883-896)
- ROW BM: 14 pins (897-910)
- ROW BN: 14 pins (911-924)
- ROW BO: 14 pins (925-938)
- ROW BP: 14 pins (939-952)
- ROW BQ: 14 pins (953-966)
- ROW BR: 14 pins (967-980)
- ROW BS: 14 pins (981-994)
- ROW BT: 14 pins (995-1008)
- ROW BU: 14 pins (1009-1022)
- ROW BV: 14 pins (1023-1036)
- ROW BW: 14 pins (1037-1050)
- ROW BX: 14 pins (1051-1064)
- ROW BY: 14 pins (1065-1078)
- ROW BZ: 14 pins (1079-1092)
- ROW CA: 14 pins (1093-1106)
- ROW CB: 14 pins (1107-1120)
- ROW CC: 14 pins (1121-1134)
- ROW CD: 14 pins (1135-1148)
- ROW CE: 14 pins (1149-1162)
- ROW CF: 14 pins (1163-1176)
- ROW CG: 14 pins (1177-1190)
- ROW CH: 14 pins (1191-1204)
- ROW CI: 14 pins (1205-1218)
- ROW CJ: 14 pins (1219-1232)
- ROW CK: 14 pins (1233-1246)
- ROW CL: 14 pins (1247-1260)
- ROW CM: 14 pins (1261-1274)
- ROW CN: 14 pins (1275-1288)
- ROW CO: 14 pins (1289-1302)
- ROW CP: 14 pins (1303-1316)
- ROW CQ: 14 pins (1317-1330)
- ROW CR: 14 pins (1331-1344)
- ROW CS: 14 pins (1345-1358)
- ROW CT: 14 pins (1359-1372)
- ROW CU: 14 pins (1373-1386)
- ROW CV: 14 pins (1387-1400)
- ROW CW: 14 pins (1401-1414)
- ROW CX: 14 pins (1415-1428)
- ROW CY: 14 pins (1429-1442)
- ROW CZ: 14 pins (1443-1456)
- ROW DA: 14 pins (1457-1470)
- ROW DB: 14 pins (1471-1484)
- ROW DC: 14 pins (1485-1498)
- ROW DD: 14 pins (1499-1512)
- ROW DE: 14 pins (1513-1526)
- ROW DF: 14 pins (1527-1540)
- ROW DG: 14 pins (1541-1554)
- ROW DH: 14 pins (1555-1568)
- ROW DI: 14 pins (1569-1582)
- ROW DJ: 14 pins (1583-1596)
- ROW DK: 14 pins (1597-1610)
- ROW DL: 14 pins (1611-1624)
- ROW DM: 14 pins (1625-1638)
- ROW DN: 14 pins (1639-1652)
- ROW DO: 14 pins (1653-1666)
- ROW DP: 14 pins (1667-1680)
- ROW DQ: 14 pins (1681-1694)
- ROW DR: 14 pins (1695-1708)
- ROW DS: 14 pins (1709-1722)
- ROW DT: 14 pins (1723-1736)
- ROW DU: 14 pins (1737-1750)
- ROW DV: 14 pins (1751-1764)
- ROW DW: 14 pins (1765-1778)
- ROW DX: 14 pins (1779-1792)
- ROW DY: 14 pins (1793-1806)
- ROW DZ: 14 pins (1807-1820)
- ROW EA: 14 pins (1821-1834)
- ROW EB: 14 pins (1835-1848)
- ROW EC: 14 pins (1849-1862)
- ROW ED: 14 pins (1863-1876)
- ROW EE: 14 pins (1877-1890)
- ROW EF: 14 pins (1891-1904)
- ROW EG: 14 pins (1905-1918)
- ROW EH: 14 pins (1919-1932)
- ROW EI: 14 pins (1933-1946)
- ROW EJ: 14 pins (1947-1960)
- ROW EK: 14 pins (1961-1974)
- ROW EL: 14 pins (1975-1988)
- ROW EM: 14 pins (1989-2002)
- ROW EN: 14 pins (2003-2016)
- ROW EO: 14 pins (2017-2030)
- ROW EP: 14 pins (2031-2044)
- ROW EQ: 14 pins (2045-2058)
- ROW ER: 14 pins (2059-2072)
- ROW ES: 14 pins (2073-2086)
- ROW ET: 14 pins (2087-2100)
- ROW EU: 14 pins (2101-2114)
- ROW EV: 14 pins (2115-2128)
- ROW EW: 14 pins (2129-2142)
- ROW EX: 14 pins (2143-2156)
- ROW EY: 14 pins (2157-2170)
- ROW EZ: 14 pins (2171-2184)
- ROW FA: 14 pins (2185-2198)
- ROW FB: 14 pins (2199-2212)
- ROW FC: 14 pins (2213-2226)
- ROW FD: 14 pins (2227-2240)
- ROW FE: 14 pins (2241-2254)
- ROW FF: 14 pins (2255-2268)
- ROW FG: 14 pins (2269-2282)
- ROW FH: 14 pins (2283-2296)
- ROW FI: 14 pins (2297-2310)
- ROW FJ: 14 pins (2311-2324)
- ROW FK: 14 pins (2325-2338)
- ROW FL: 14 pins (2339-2352)
- ROW FM: 14 pins (2353-2366)
- ROW FN: 14 pins (2367-2380)
- ROW FO: 14 pins (2381-2394)
- ROW FP: 14 pins (2395-2408)
- ROW FQ: 14 pins (2409-2422)
- ROW FR: 14 pins (2423-2436)

1		PPS		BLACK		UL94V-0		2, 3		BRASS		CONTACT AREA:GOLD 0.2#m min.	
												DIP AREA:TIN-PLATING 2#m min.	
												UNDER PLATED:NICKEL 2.5#m min.	
NO.		MATERIAL		FINISH		REMARKS		NO.		MATERIAL		FINISH , REMARKS	
UNITS mm				SCALE 2 : 1				COUNT		DESCRIPTION OF REVISIONS		DESIGNED	
												CHECKED	
												DATE	
HIROSE ELECTRIC CO., LTD.				APPROVED :HS. OKAWA		11. 01. 25		DRAWING NO.		EDC3-082147-21			
				CHECKED :HT. YAMAGUCHI		11. 01. 25		PART NO.		FX1-144P-1. 27DSA(71)			
				DESIGNED :YJ. ASAO		11. 01. 24		CODE NO.		CL571-0303-0-71			
				DRAWN :YJ. ASAO		11. 01. 24				1			