

SPECIFICATIONS

Insulation Resistance:	500MQ min.
Contact Resistance:	20mV / 10mA
Withstanding Voltage:	150V AC for 1 minute
Voltage Rating:	50V AC/DC
Current Rating:	0.5A
Operating Temp. Range:	-40°C to +125°C
Mating Cycles:	20

HIGH SPEED

PART NUMBER



MATERIALS AND FINISH

Insulator:	LCP
Actuator:	PA9T
Contact:	Copper Alloy
Plating:	Selective Au over Ni
Metal Parts:	Stainless Steel

AUTOMOTIVE COMPLIANT

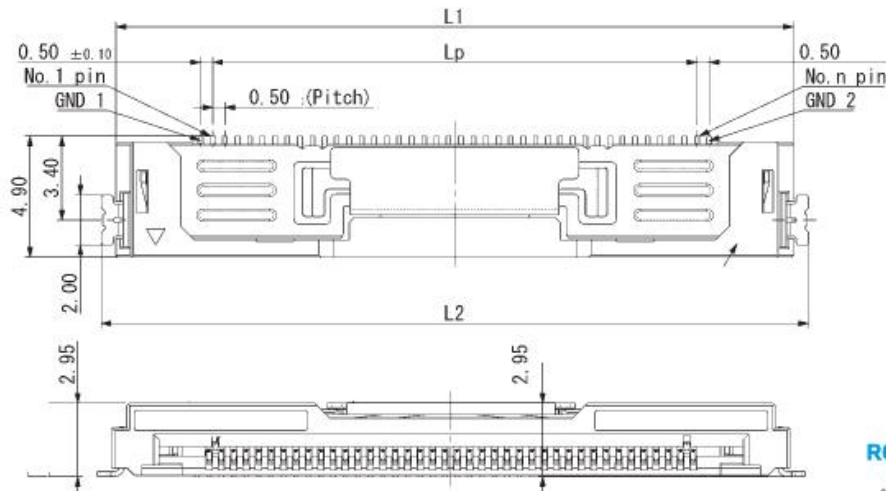


For matching cable see next page or page 30

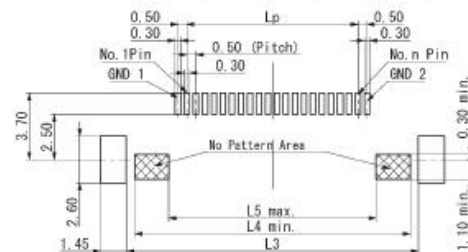
FEATURES

- 30, 40 and 50 pins at 90° available, further versions on request
- Up to 20Gbps data transfer rate (if used with YFLEX cable)
- Push-in-locking
- With and without additional shielding pins
- 0.5mm pitch
- RoHS2011/65/EU

OUTLINE DIMENSIONS CONNECTOR



RECOMMENDED PCB LAYOUT



Part Number	Pin Count	Lp	L1	L2	L3	L4	L5	L6
HF513-30-01-VE	30	19.50	27.30	28.50	26.20	25.30	21.50	23.50
HF513-30-11-VE	30	24.50	32.30	33.50	31.20	30.30	26.50	28.50
HF513-40-01-VE	40	19.50	27.30	28.50	26.20	25.30	21.50	23.50
HF513-50-01-VE	50	24.50	32.30	33.50	31.20	30.30	26.50	28.50
HF513-40-11-VE	40	19.50	27.30	28.50	26.20	25.30	21.50	23.50
HF513-50-11-VE	50	24.50	32.30	33.50	31.20	30.30	26.50	28.50