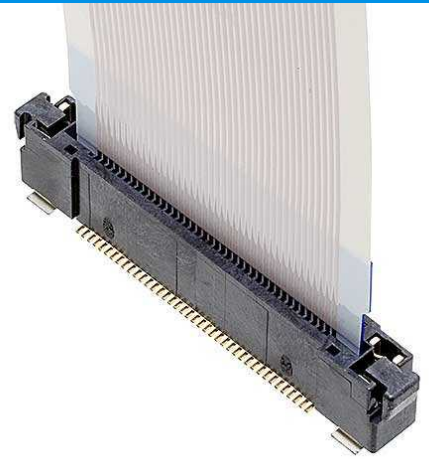


EVAFLEX® 5-SE VT

自动锁扣，垂直插拔，0.5 mm 间距的FFC/FPC连接器



Product Specifications:

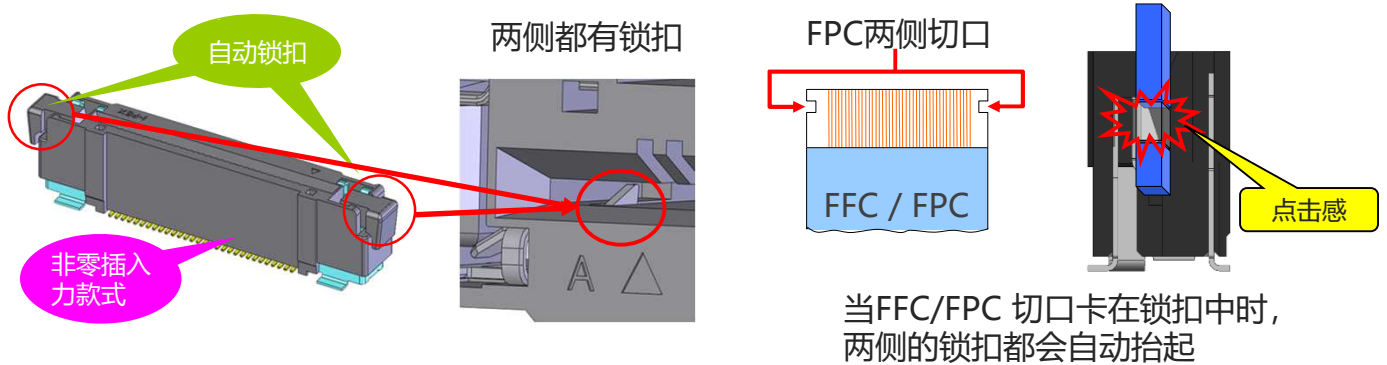
| | | |
|--------------------|-----------|--|
| Board Pitch (mm) | 0.5 | |
| Wiping Length (mm) | 1.2 | |
| Size (mm) | Height | 6.00 +/- 0.30 |
| | Width | Formula: 11.5 + (0.5*?p) |
| | Depth | 4.50 +/- 0.20 |
| Pin counts | Range | 10 – 80 |
| | Available | 16, 22, 24, 26, 30, 40, 45, 50, 60, 80 |

Applicable FPC/FFC:

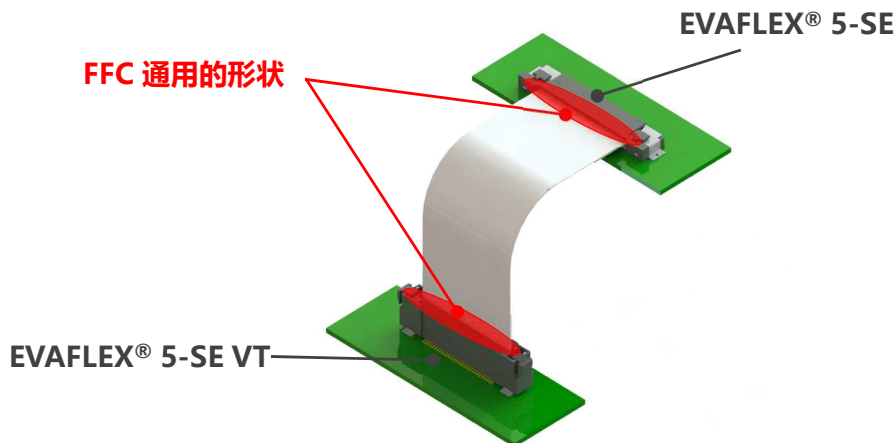
| | |
|------------------------|--------------------------|
| FPC/FFC Type | Non-shielded FFC/FFC |
| FPC/FFC Contact Point | Signal contact tail side |
| FPC/FFC Thickness (mm) | 0.30 +/- 0.05 |

*如您需要了解未列出或不在范围内的Pin数，请咨询我们。

▶ 自动锁扣的设计便于操作,适用于手动或机器人装配



▶ 水平插拔款使用相同的FFC (EVAFLEX® 5-SE)



▶ EVAFLEX® 系列: 更多选择的自动锁扣连接器

速度更快，耐高温 (125°C) : EVAFLEX® 5-SE-G VT

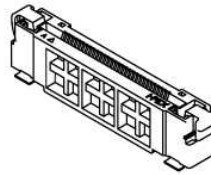
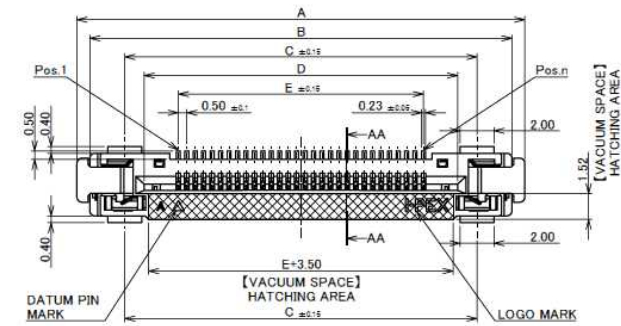
| | EVAFLEX 5®-SE-G VT |
|---------|------------------------------|
| 高度 (mm) | 6.60 +/- 01 |
| 工作温度 | up to 125°C |
| 参考性能 | V-by-one HS 1.4 (4+ Gbps) |



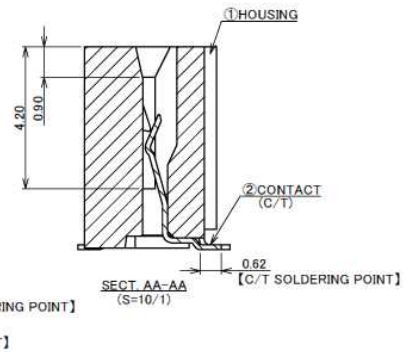
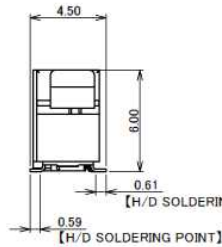
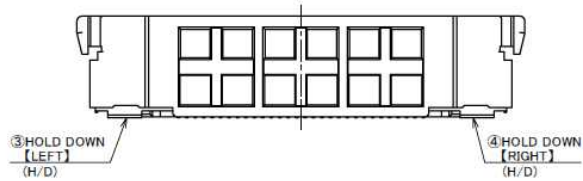
Component Parts Details

Connector Assembly

Recommended P/N 20539-0**E-01



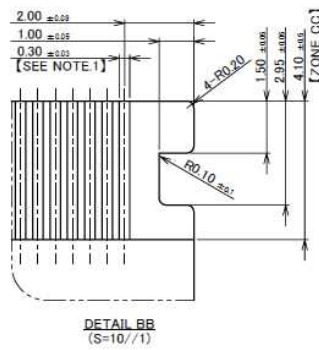
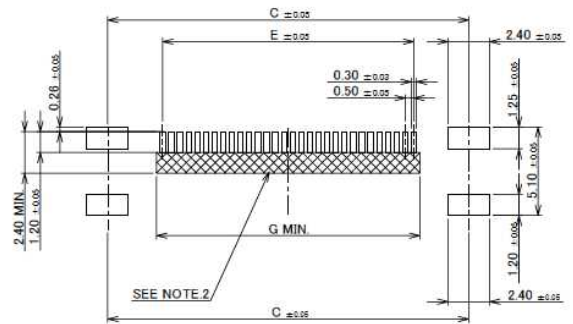
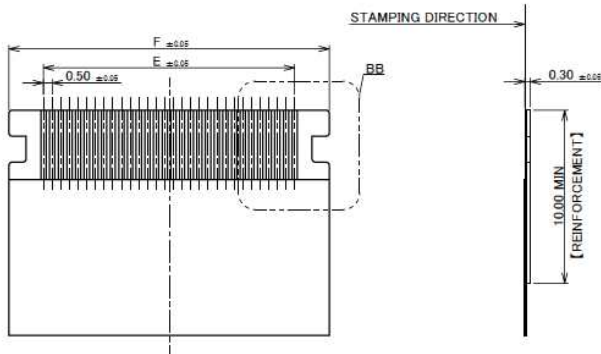
| PART NO. | Pos. | A | B | C | D | E |
|---------------|------|-------|-------|-------|-------|-------|
| 20539-016E-01 | 16 | 19.50 | 17.98 | 13.84 | 11.56 | 7.50 |
| 20539-022E-01 | 22 | 22.50 | 20.98 | 16.84 | 14.56 | 10.50 |
| 20539-024E-01 | 24 | 23.50 | 21.98 | 17.84 | 15.56 | 11.50 |
| 20539-026E-01 | 26 | 24.50 | 22.98 | 18.84 | 16.56 | 12.50 |
| 20539-030E-01 | 30 | 26.50 | 24.98 | 20.84 | 18.56 | 14.50 |
| 20539-040E-01 | 40 | 31.50 | 29.98 | 25.84 | 23.56 | 19.50 |
| 20539-045E-01 | 45 | 34.00 | 32.48 | 28.34 | 26.06 | 22.00 |
| 20539-050E-01 | 50 | 36.50 | 34.98 | 30.84 | 28.56 | 24.50 |
| 20539-060E-01 | 60 | 41.50 | 39.98 | 35.84 | 33.56 | 29.50 |
| 20539-080E-01 | 80 | 51.50 | 49.98 | 45.84 | 43.56 | 39.50 |



| | | | |
|----|-------------------|-----------------|--|
| 4 | HOLD DOWN [RIGHT] | PHOSPHOR BRONZE | Sn 2.00 μm MIN. OVER Ni 1.00 μm MIN. |
| 3 | HOLD DOWN [LEFT] | PHOSPHOR BRONZE | Sn 2.00 μm MIN. OVER Ni 1.00 μm MIN. |
| 2 | CONTACT | PHOSPHOR BRONZE | CONTACT AREA: Au 0.10 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA: Au 0.03 μm MIN. OVER Ni 1.00 μm MIN. |
| 1 | HOUSING | LCP | UL94V-0, BLACK |
| NO | DISCRPTION | MATERIAL | FINISH , REMARKS |

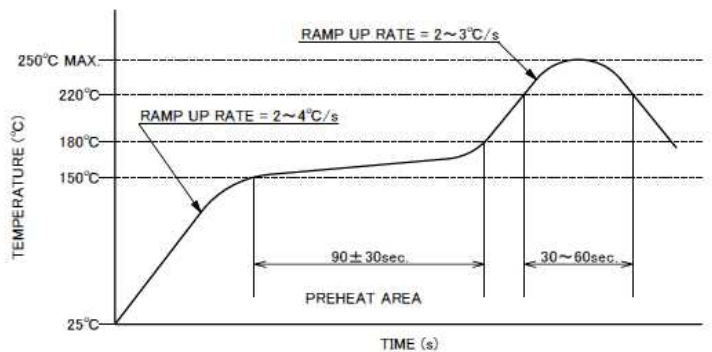
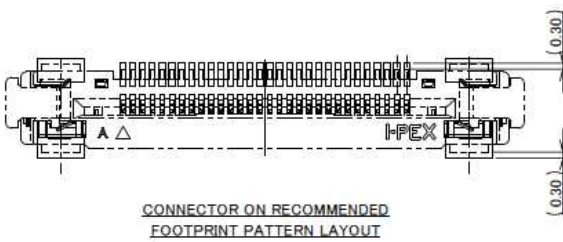
Connector Assembly

| PART NO. | Pos | C | E | F | G |
|---------------|-----|-------|-------|-------|-------|
| 20539-016E-01 | 16 | 13.84 | 7.50 | 11.50 | 8.20 |
| 20539-022E-01 | 22 | 16.84 | 10.50 | 14.50 | 11.20 |
| 20539-024E-01 | 24 | 17.84 | 11.50 | 15.50 | 12.20 |
| 20539-026E-01 | 26 | 18.84 | 12.50 | 16.50 | 13.20 |
| 20539-030E-01 | 30 | 20.84 | 14.50 | 18.50 | 15.20 |
| 20539-040E-01 | 40 | 25.84 | 19.50 | 23.50 | 20.20 |
| 20539-045E-01 | 45 | 28.34 | 22.00 | 26.00 | 22.70 |
| 20539-050E-01 | 50 | 30.84 | 24.50 | 28.50 | 25.20 |
| 20539-060E-01 | 60 | 35.84 | 29.50 | 33.50 | 30.20 |
| 20539-080E-01 | 80 | 45.84 | 39.50 | 43.50 | 40.20 |



Rev.10

Plug Housing Assembly



REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

Rev.10

Connector Assembly

| ITEMS | SPECIFICATION |
|---|---|
| RATING VOLTAGE | 50V AC/DC (PER A CONTACT) |
| RATING AMPERAGE (AVAILABLE UP TO 15PIN) | 0.50A AC/DC (PER A CONTACT) |
| RATING AMPERAGE (AVAILABLE FOR ALL PIN) | 0.35A AC/DC (PER A CONTACT) |
| OPERATING TEMPERATURE | 233~358K(-40°C~+85°C) |
| OPERATING HUMIDITY | 85%R.H. MAX. |
| CONTACT RESISTANCE | INITIAL : 70mohm MAX. / AFTER TEST : \leq 40mohm MAX. |
| INSULATION RESISTANCE | 500Mohm MIN. |
| DIELECTRIC WITHSTANDING VOLTAGE | AC250V 1min |
| DURABILITY | 30 CYCLES |
| MATING FORCE (INITIAL / 30 CYCLES) | 16P: 9.6N MAX., 22P: 13.2N MAX., 24P: 14.4N MAX., 26P: 15.6N MAX., 30P: 18.0N MAX., 40P: 24.0N MAX., 45P: 27.0N MAX., 50P: 30.0N MAX., 60P: 36.0N MAX., 80P: 48.0N MAX. |
| UNMATING FORCE (INITIAL / 30 CYCLES) | 16P: 1.44N MIN., 22P: 1.98N MIN., 24P: 2.16N MIN., 26P: 2.34N MIN., 30P: 2.70N MIN., 40P: 3.60N MIN., 45P: 4.05N MIN., 50P: 4.50N MIN., 60P: 5.40N MIN., 80P: 7.20N MIN. |
| FPC/FFC RETENTION FORCE | 25.0N MIN. |
| COPLANARITY | 0.10mm MAX. |
| PRODUCT SPECIFICATION | PRS-1620 |
| TEST REPORT | TR-12047 |
| PACKING STANDARD | 300-967 |
| INSTRUCTION MANUAL | HIM-11002 |
| APPEARANCE CRITERIA No. | QLS-A*** |

Rev.10

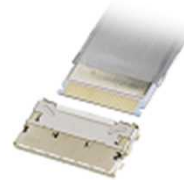
Board to Board



High-Density



Autolocking FPC/FFC



High-Density



FPC/FFC



Micro-Coaxial / Discrete Cable



High-Speed



RF



High-Frequency



Optical Module



High-Speed



Power



High-Power



I/O (Input/Output)



Quick charge

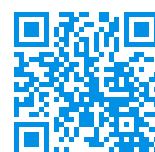


Effector



Custom Connectors Available

Inquiry



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