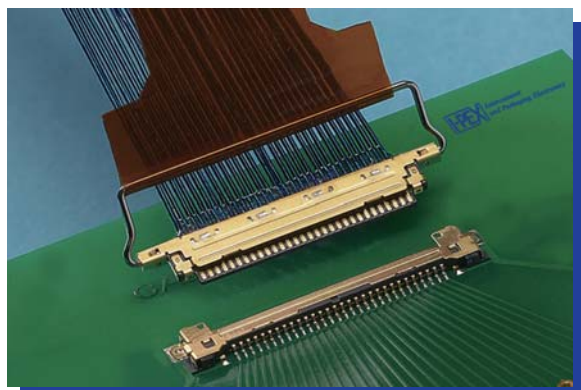


# CABLINE®-VS

0.5mm Pitch

Horizontal Type



- Mating Height : MAX. 1.1mm
- Improved transmission efficiency, High level EMI shield performance and multi point ground
- W-Point Contact with High mating reliability
- Anti-reverse mating design
- Locking bar prevents accidental unmating (Option)
- Soldering connection

## 【Number of Position】

20p, 30p, 40p, 50p

## 【Ordering Code】

PLUG Connector Set (for Cable)

Parts Ordering (HOUSING)

**20454- 2 \*\* T (-01)**

① ② only 50pos

Parts Ordering (SHELL A)

**2574- \* \*\* 2**

③ ①

Parts Ordering (Pull bar)

**2576- \* \*\* - \*\***

④ ① ⑤

RECEPTACLE Connector Set  
(for PC Board)

**20455- \*\*\* E - \* 6**

① ② ③

## 【Applicable Cable Size】

|          |                                            |
|----------|--------------------------------------------|
| SGC      | AWG #40, #42, #44<br>(AWG #36: Power Only) |
| DISCRETE | AWG #32, #34, #36                          |
| TWINCOAX | AWG #40                                    |

| ① | POS.             | 20: 20pos 30: 30pos<br>40: 40pos 50: 50pos |           |
|---|------------------|--------------------------------------------|-----------|
| ② | Packaging        | T                                          | Tray      |
| ③ | DATUM MARK       | 0                                          | With      |
|   |                  | 1                                          | Without   |
| ④ | INSULATION COAT  | 0                                          | Without   |
|   |                  | 1                                          | With      |
| ⑤ | Packing Quantity | -                                          | 60,000pcs |
|   |                  | 00                                         | 20,000pcs |

| ① | POS.       | A20: 20pos 030: 30pos<br>040: 40pos 050: 50pos |             |
|---|------------|------------------------------------------------|-------------|
| ② | Packaging  | E                                              | Emboss Tape |
| ③ | DATUM MARK | 6                                              | With        |
|   |            | 7                                              | Without     |

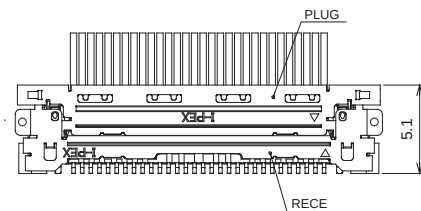
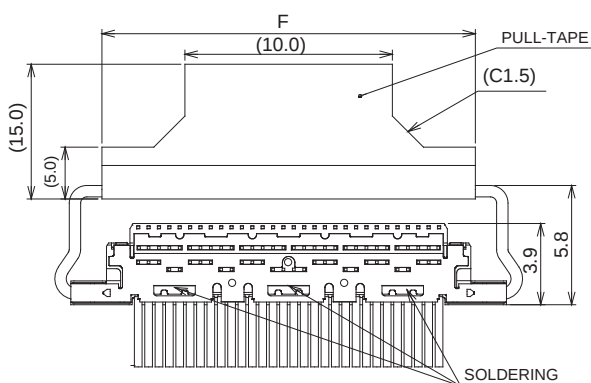
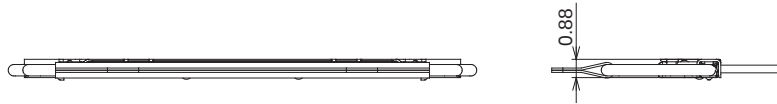
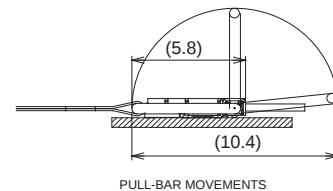
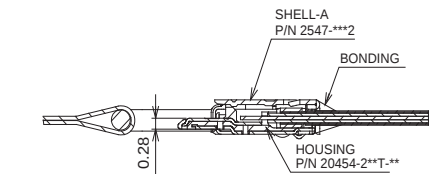
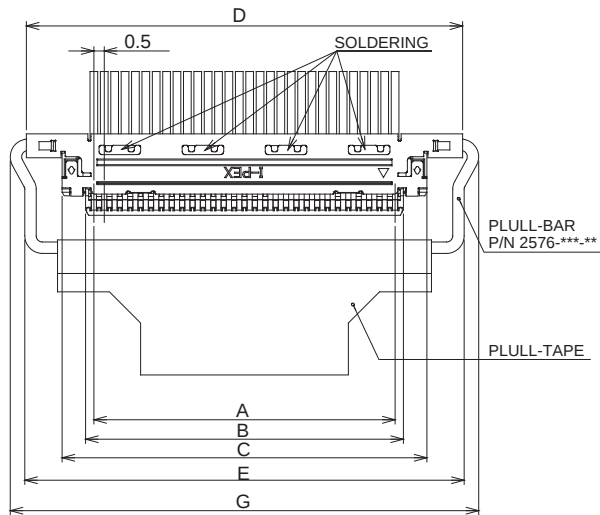
## 【Recommended P/N】

| POS. | HOUSING       | SHELL A   | PULL BAR    | PLUG Set       | RECEPTACLE    |
|------|---------------|-----------|-------------|----------------|---------------|
| 20   | 20454-220T    | 2574-1202 | 2576-020-00 | 20453-220T-11  | 20455-A20E-76 |
| 30   | 20454-230T    | 2574-1302 | 2576-030-00 | 20453-230T-11  | 20455-030E-76 |
| 40   | 20454-240T    | 2574-1402 | 2576-040-00 | 20453-240T-11  | 20455-040E-76 |
| 50   | 20454-250T-01 | 2574-1502 | 2576-050-00 | 20453-250T-11S | 20455-050E-76 |

**PLUG**

Set P/N : 20453-2\*\*T-\*\*\*

| POS. | A     | B     | C     | D     | E     | F     | G     |
|------|-------|-------|-------|-------|-------|-------|-------|
| 20   | 9.50  | 10.30 | 12.56 | 16.00 | 16.15 | 13.00 | 17.55 |
| 30   | 14.50 | 15.30 | 17.56 | 21.00 | 21.15 | 18.00 | 22.55 |
| 40   | 19.50 | 20.30 | 22.56 | 26.00 | 26.15 | 23.00 | 27.55 |
| 50   | 24.50 | 25.30 | 27.56 | 31.00 | 31.15 | 28.00 | 32.55 |



MATED VIEW

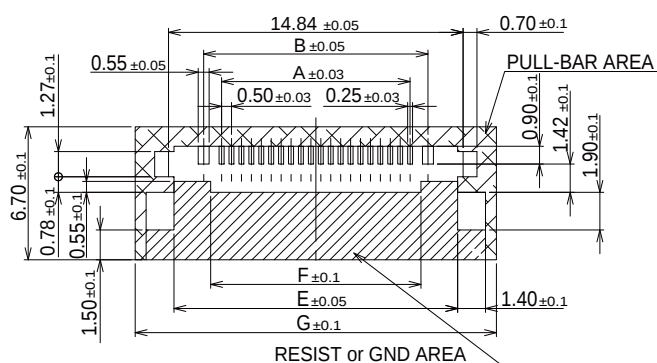
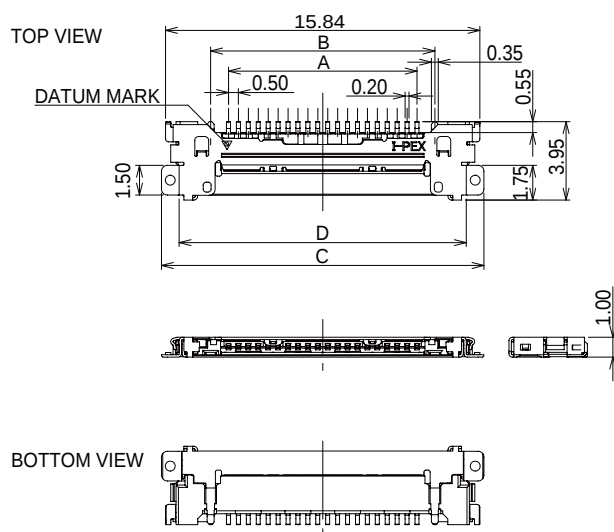
**Material / Finish**

|          |                 |       |
|----------|-----------------|-------|
| HOUSING  | LCP UL94V-0     | BLACK |
| CONTACT  | COPPER ALLOY    | Au    |
| SHELL A  | COPPER ALLOY    | Au    |
| SHELL B  | COPPER ALLOY    | Au    |
| PULL BAR | STAINLESS STEEL | -     |

# RECEPTACLE

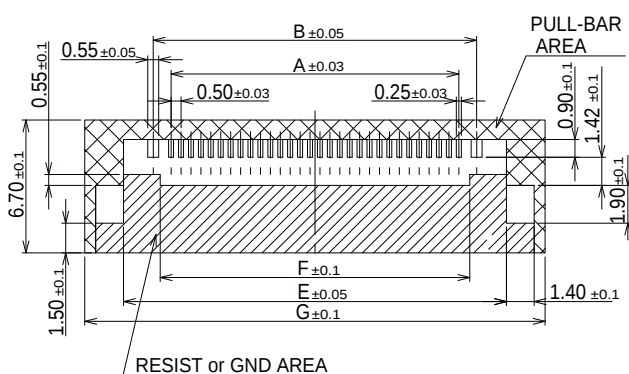
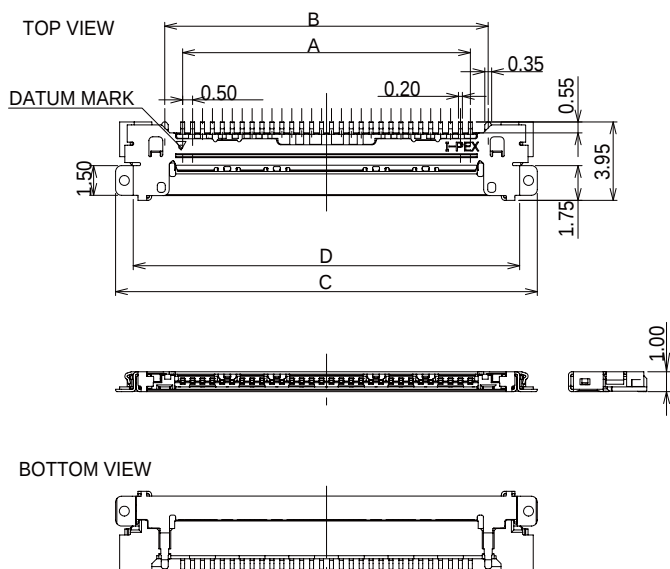
| POS. | A     | B     | C     | D     | E     | F     | G     |
|------|-------|-------|-------|-------|-------|-------|-------|
| 20   | 9.50  | 11.30 | 16.25 | 14.47 | 14.30 | 10.60 | 18.20 |
| 30   | 14.50 | 16.30 | 21.25 | 19.47 | 19.30 | 15.60 | 23.20 |
| 40   | 19.50 | 21.30 | 26.25 | 24.47 | 24.30 | 20.60 | 28.20 |
| 50   | 24.50 | 26.30 | 31.25 | 29.47 | 29.30 | 25.60 | 33.20 |

## 20455-A20E-\*6 (20pin)



RECOMMENDED FOOTPRINT PATTERN

## 20455-0\*\*E-\*6 (30pin, 40pin, 50pin)



RECOMMENDED FOOTPRINT PATTERN

### Material / Finish

|         |              |       |
|---------|--------------|-------|
| HOUSING | LCP UL94V-0  | BLACK |
| CONTACT | COPPER ALLOY | Au    |
| SHELL   | COPPER ALLOY | Au    |