




|      |                       |         |            |
|------|-----------------------|---------|------------|
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE       |
| A    | ECN NO: L130139       | IVY-C   | 2017.02.14 |

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
  - CURRENT RATING: 2.0A (PIN1,4) ; OTHER CONTACTS 0.25A
  - CONTACT RESISTANCE: 30mΩ MAX.
  - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE
  - INSULATION RESISTANCE: 100MΩ MIN
- MECHANICAL CHARACTERISTICS:
  - INSERTION FORCE : 3.5 Kgf MAX
  - WITHDRAWAL FORCE : 1.0 Kgf MIN
- DURABILITY: 5,000 CYCLES,
- OTHER SPEC TO REFER USB 3.0 SPEC.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK : ☉
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: 
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- PACKAGING : TAPE & REEL.

| Pin NO. | Signal Assignment |
|---------|-------------------|
| # 1     | VBUS              |
| # 2     | D-                |
| # 3     | D+                |
| # 4     | PGND              |
| # 5     | SSRX-             |
| # 6     | SSRX+             |
| # 7     | GND               |
| # 8     | SSTX-             |
| # 9     | SSTX+             |

| NO | DESCRIPTION | QTY | MATERIAL                | PLATING & COLOR                                                  |
|----|-------------|-----|-------------------------|------------------------------------------------------------------|
| F  | MYLAR       | 2   | Mylar 0.075T            | TRANSPARENT                                                      |
| E  | COVER       | 1   | STAINLESS STEEL 0.2T    | N/A                                                              |
| D  | SHELL       | 1   | STAINLESS STEEL 0.3T    | NICKEL PLATED                                                    |
| C  | 4P TERMINAL | 4   | COPPER ALLOY            | GOLD FLASH ON CONTACT AREA                                       |
| B  | 5P TERMINAL | 5   | COPPER ALLOY            | MATTE Sn 120u" PLATED ON SOLDE TAIL, ALL OVER 80u" NICKEL PLATED |
| A  | HOUSING     | 1   | HIGH TEMP. THEROPLASTIC | BLACK                                                            |

|                                       |           |                                                                                                                                                                                                                          |                                                |
|---------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED TOLERANCES |           |  Singatron Enterprise Co., Ltd.<br> 信音企業股份有限公司 |                                                |
| DECIMALS:                             | ANGLES:   | TITLE                                                                                                                                                                                                                    | USB3.0 REVRSE CONNECTOR                        |
| X : ±0.5                              | X : ±2°   | DWN                                                                                                                                                                                                                      | IVY-C 2017.02.14 PART NO. 2UB2309-000111F      |
| X.X : ±0.3                            | X.X : ±1° | CHKD                                                                                                                                                                                                                     | ANGELA2017.02.14 SCALE 4:1 UNIT: mm            |
| X.XX : ±0.2                           |           | APVD                                                                                                                                                                                                                     | ANGELA2017.02.14 SIZE: A3 SHEET: 1 OF 1 REV: A |
| CUSTOMER COPY                         |           |                                                                                                                                                                                                                          |                                                |

