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| LOC | | DIST | | REVISIONS | | | |
|-----|-----|---------------|-----------|-----------|------|--|--|
| P | LTR | DESCRIPTION | DATE | DWN | APVD | | |
| | E | ECR-12-000167 | 05JAN2012 | GG | RRP | | |

NOTES/SPECIFICATION:

- HEADER ACCEPTS TYPES I, II, & III OF PCMCIA STANDARD MEMORY CARD
- MECHANICAL SPECIFICATION:
 - DURABILITY
 - OFFICE ENVIRONMENT: 10000 CYCLES MINIMUM
 - HARSH ENVIRONMENT: 5000 CYCLES
 - CONTACT RETENTION FORCE: 1 kg MINIMUM
- ELECTRICAL SPECIFICATION:
 - CONTACT RESISTANCE: 40 MILLI OHMS MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 Vrms FOR 1min.
 - INSULATION RESISTANCE: 1000 MEGA OHMS MIN.
 - CURRENT CAPACITY: 0.5 AMPS PER PIN.
- ENVIRONMENTAL SPECIFICATIONS:
 - STORAGE ENVIRONMENT: -40°C TO +70°C, 95% MAX. RELATIVE HUMIDITY (NON CONDENSING)
 - OPERATION TEMPERATURE: -20°C TO +60°C, 95% MAX. RELATIVE HUMIDITY (NON CONDENSING)
 - THERMAL SHOCK: 6 CYCLES (1 CYCLE PER HOUR) WITH CONNECTOR ENGAGED WITH EXTREMES OF -55°C TO +70°C.
- LENGTH OF CONTACTS:

| DIM "A" | POSITION No. |
|---------|-----------------------|
| 5 | 1, 17, 34, 35, 51, 68 |
| 3.5 | 36, 67 |
| 4.25 | THE OTHERS |

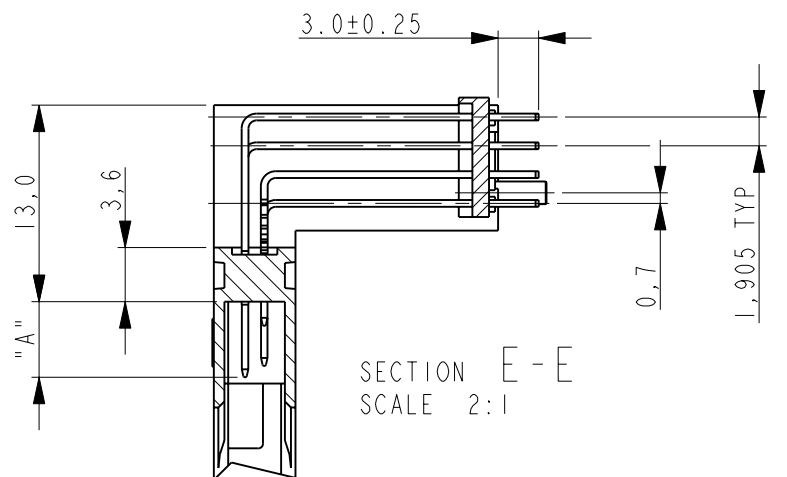
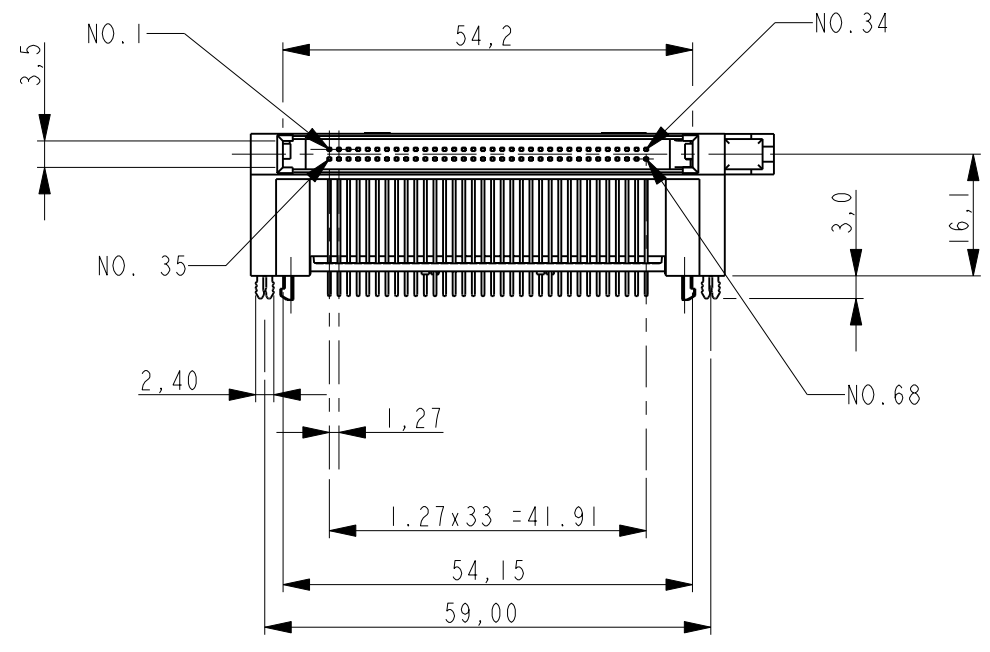
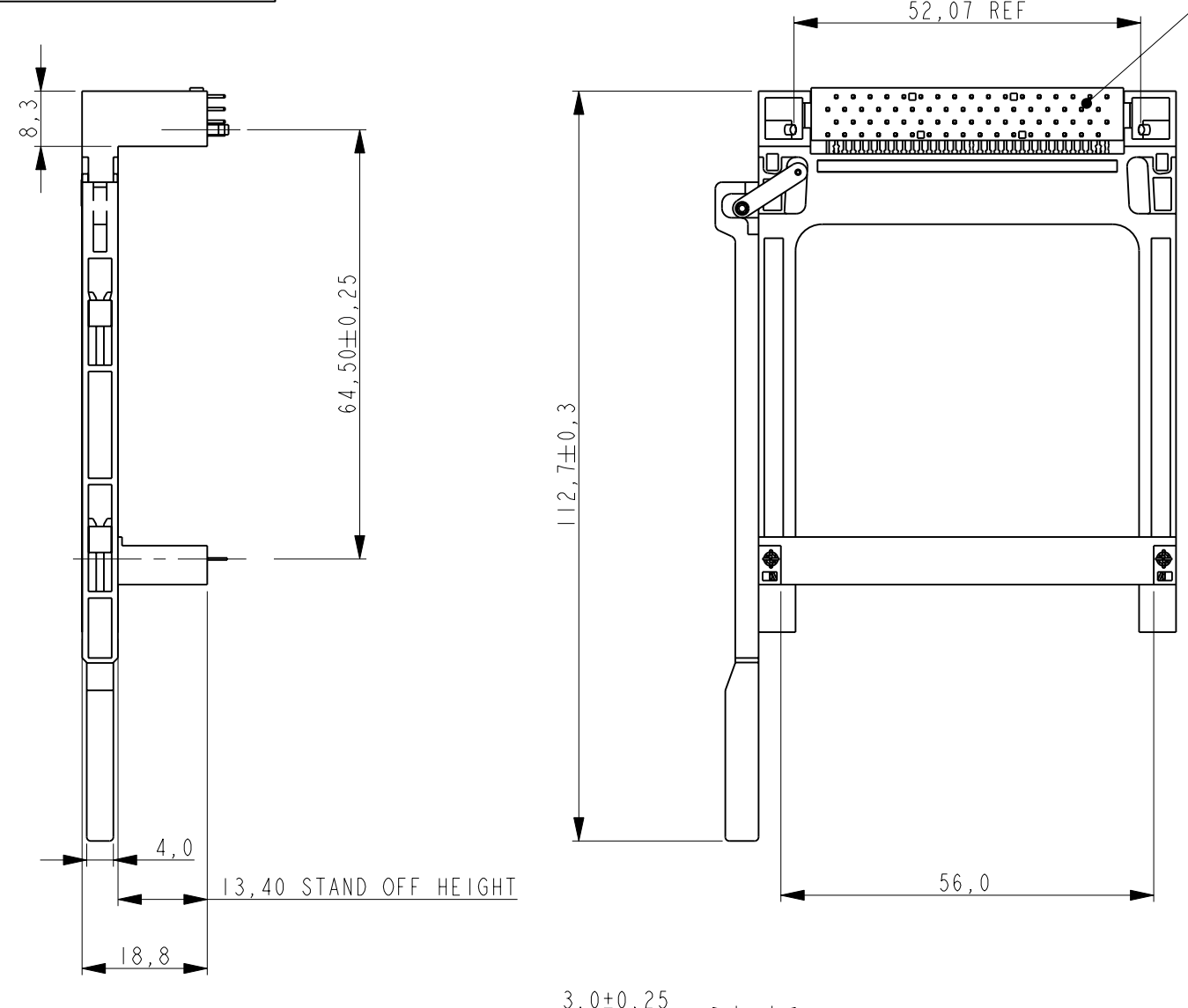
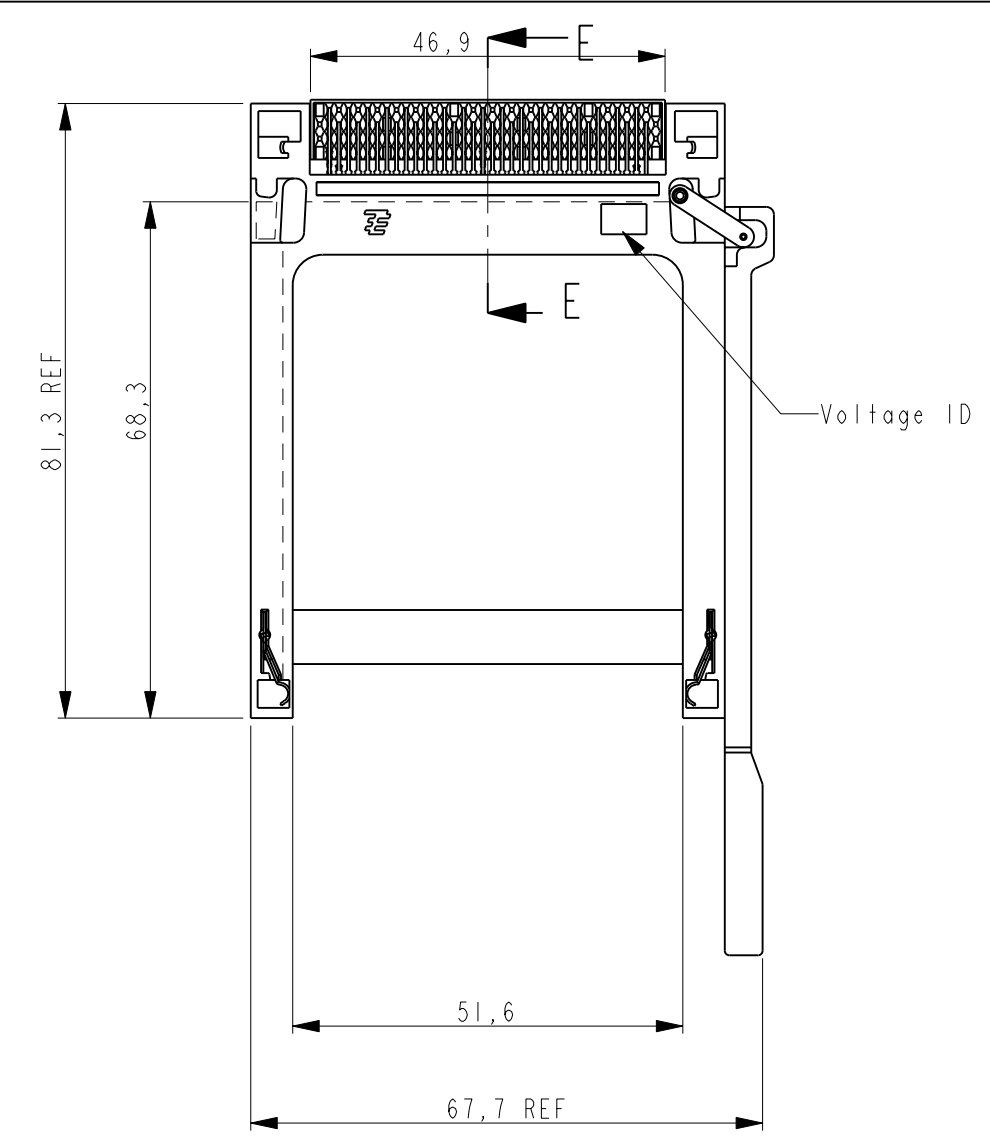
- PLATING OF CONTACT: Ni: 1.5µm MIN (OVERALL)
 Au : 0.03µm MIN. (CARD SIDE)
 TIN : 2µm MIN (PCB SIDE)
- ALL PARTS PACKAGED IN TRAYS UNLESS REQUESTED:

CONNECTOR TO PRINTED CIRCUIT BOARD ASSEMBLY:

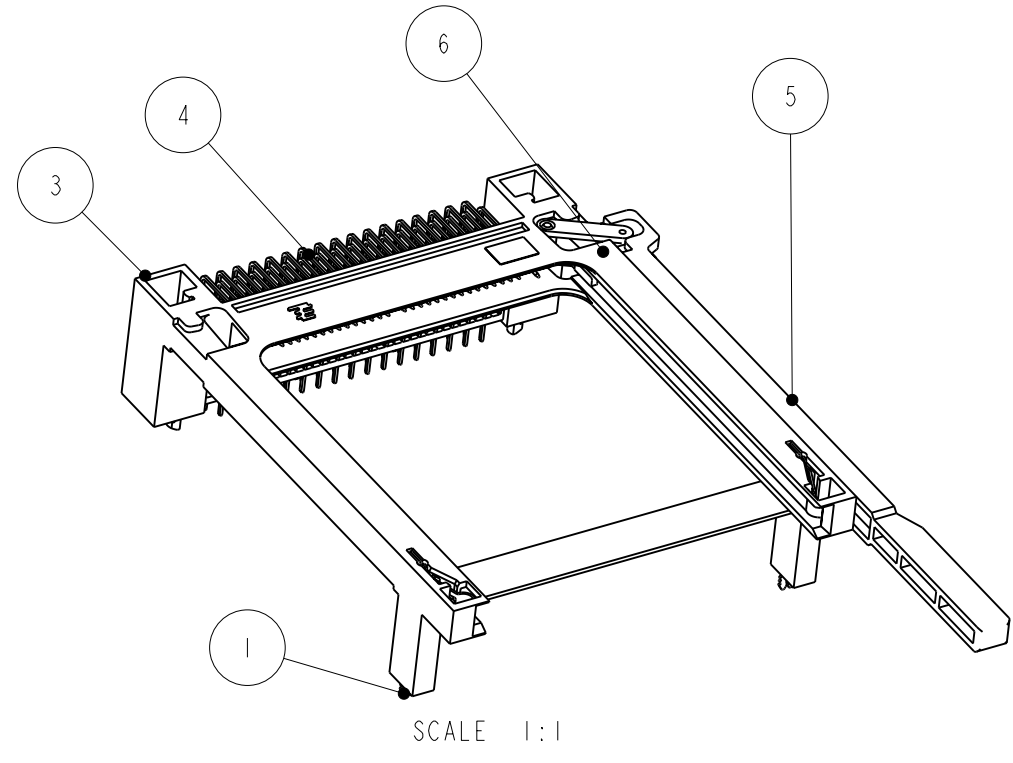
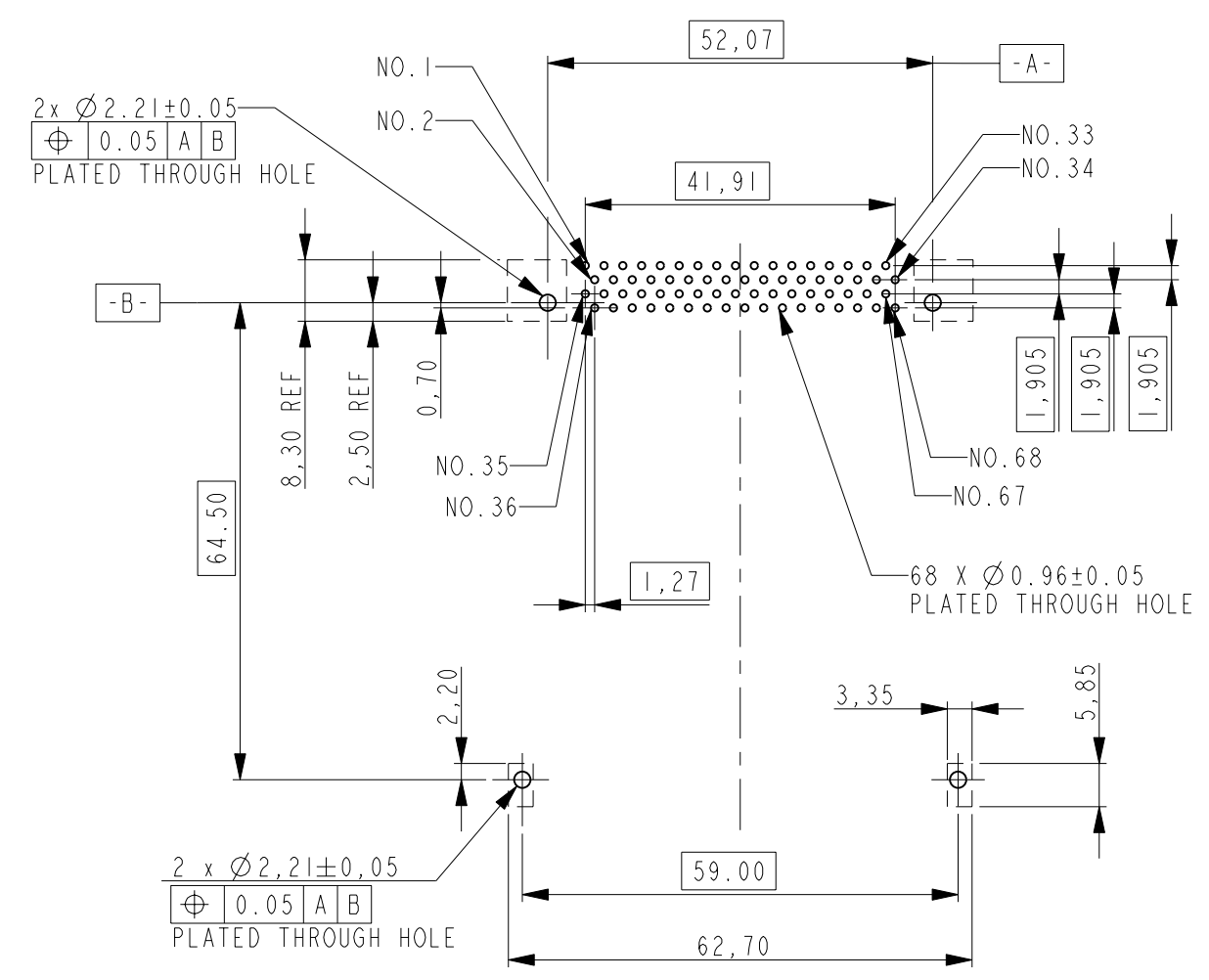
- PLACE THE CONNECTOR ON THE PRINTED CIRCUIT BOARD. THE SOLDER TAILS, RETENT CLIPS & PLASTIC LEGS SHOULD BE SEATED IN THE RESPECTIVE HOLES
- PUSH FIRMLY DOWN ON CENTER OF PLASTIC LEGS THEN SOLDER RETENTS. A SLIGHT SNAP IS FELT WHEN THE CONTACT IS FULLY SEATED.
- SOLDER PROCESS ENTIRE PRINTED CIRCUIT BOARD ASSEMBLY

| VOLTAGE IDENTIFICATION | PARTNUMBER | HEADER TYPE |
|------------------------|------------|-------------|
| 5V | 1955485-1 | 5V HEADER |

| ITEM NO. | QTY | DESCRIPTION | MATERIAL | FINISH |
|----------|-----|----------------|-----------------------|---------------|
| 6 | 2 | CAM | THERMOPLASTIC UL94 V0 | COLOUR: BLACK |
| 5 | 1 | EJECTOR | THERMOPLASTIC UL94 V0 | COLOUR: BLACK |
| 4 | 68 | CONTACT | BRASS | |
| 3 | 1 | HOUSING | THERMOPLASTIC UL94 V0 | COLOUR: BLACK |
| 2 | 1 | ORGANIZER | THERMOPLASTIC UL94 V0 | COLOUR: BLACK |
| 1 | 2 | GROUND CONTACT | PHOSPHOR BRONZE | TIN 2 µm MIN |



RECOMMENDED PCB LAYOUT (THICKNESS: 1.60 mm±0.1mm)



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | |
|-------------------------|---|----------|------------------|-----------------------|----------------|
| DWN: GUNA 05FEB10 | TE Connectivity PC CARD CONNECTOR HIGH RAISED VERSION 13.4 mm | | | | |
| CHK: PREMJJTH 05FEB10 | | | | | |
| APVD: PREMJJTH 05FEB10 | | | | | |
| PRODUCT SPEC: 108-19021 | | | | | |
| MATERIAL: | APPLICATION SPEC: | SIZE: A2 | CAGE CODE: 00779 | DRAWING NO: C-1955485 | RESTRICTED TO: |
| CUSTOMER DRAWING | | WEIGHT: | SCALE: | SHEET: | OF: |