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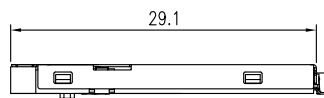
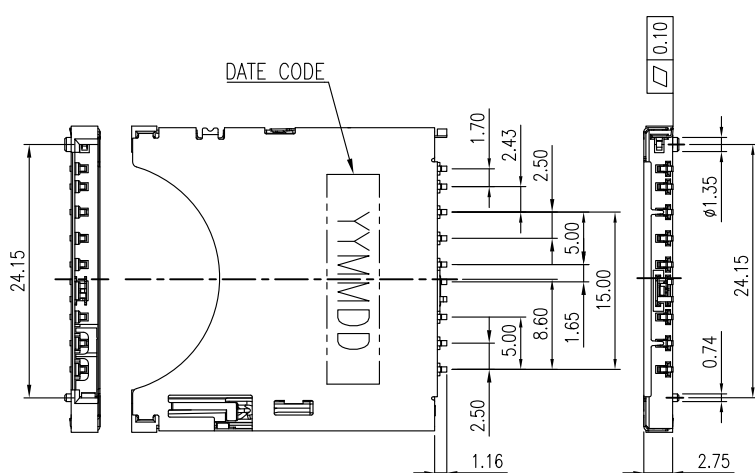
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant.



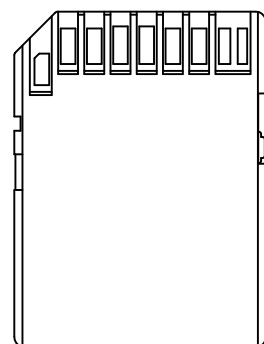
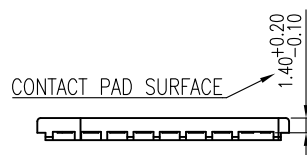
ORIGINAL



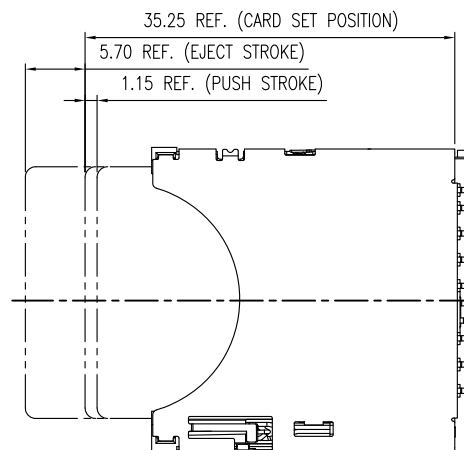
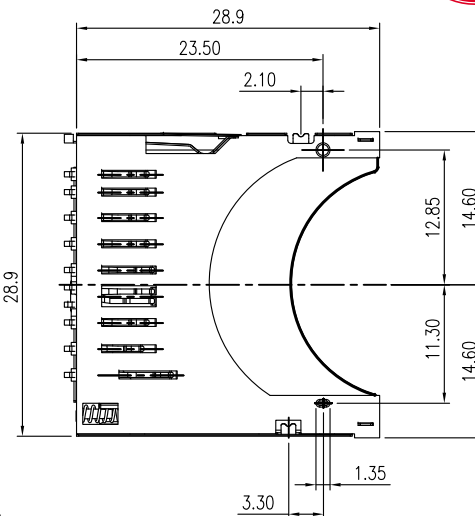
| REVISIONS |          |                             |            |
|-----------|----------|-----------------------------|------------|
| SYM       | ECN No.  | DESCRIPTION                 | DATE       |
| A1        | NE-09125 | ADD KEEP OUT AREA           | 07/20/2009 |
| B1        | NE-11096 | MODIFIED DRAWING            | 09/13/2011 |
| C1        | NE-11166 | ADD DIM & MODIFY PCB LAYOUT | 11/24/2011 |
| D1        | NE-11186 | MODIFIED DRAWING            | 12/28/2011 |
| E         | NE-07910 | DWG UPDATED                 | 12/14/2007 |
| F         | NE-09098 | PACKING DWG UPDATED         | 06/08/2009 |



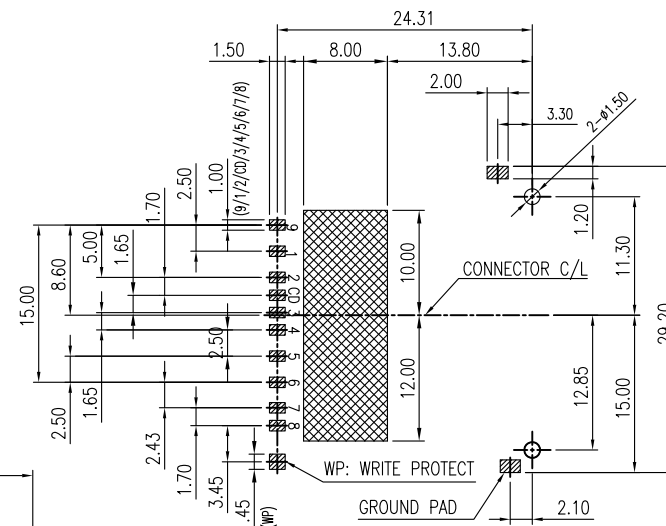
| PIN NO. | SD                  | MMC      |
|---------|---------------------|----------|
| P1      | MMC-DAT<br>SD-DAT3  | 1P<br>7P |
| P2      | MMC-CMD<br>SD-CMD   | 2P<br>2P |
| P3      | MMC-VSS1<br>SD-VSS1 | 3P<br>3P |
| P4      | MMC-VDD<br>SD-VDD   | 4P<br>4P |
| P5      | MMC-CLK<br>SD-CLK   | 5P<br>5P |
| P6      | MMC-VSS2<br>SD-VSS2 | 6P<br>6P |
| P7      | MMC-DAT<br>SD-DAT0  | 7P<br>1P |
| P8      | SD-DAT1             | 8P       |
| P9      | SD-DAT2             | 9P       |



RECOMMENDED CONTACT PAD SURFACE  
SD MEMORY CARD

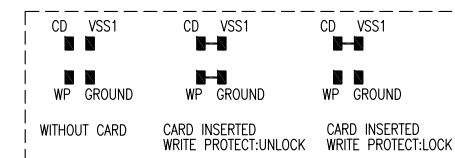


VIEW OF INSERTED CARD



RECOMMENDED PCB LAYOUT  
(ALL TOLERANCE ARE  $\pm 0.05$ )

- RECOMMENDED SOLDER PAD AREA  
TRACE KEEP OUT AREA



NOTES:

- INSULATOR: LCP, UL94V-0, COLOR: BLACK
- CONTACT: PHOSPHOR BRONZE  
15 $\mu$ " GOLD PLATED ON CONTACT AREA  
160 $\mu$ " TIN PLATED ON SOLDER TAIL
- GROUND: PHOSPHOR BRONZE, 160 $\mu$ " TIN PLATED
- SHELL: STAINLESS STEEL
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER MATERIAL SPECIFICATION SS-00259 FOR SONY GP.
- THE SPRING MUST BE RELEASED WHEN REFLOW PROCESSED.

| TOLERANCE | APPROVALS                  | DATE       | TITLE      |                                                                            | UNIT |    | SIZE   | PART No.       |         |
|-----------|----------------------------|------------|------------|----------------------------------------------------------------------------|------|----|--------|----------------|---------|
| X.        | DRAWN                      | Aqua Chou  | 12/28/2011 | GSD SERIES<br>SD CARD CONNECTOR<br>SMT TYPE, 9 POSITIONS<br>PUSH-PUSH TYPE | mm   | A3 | 1 OF 2 | GSD 09 002 SEU | REV. D1 |
| X.X       | CHECKED                    | Roger Tsai | 12/28/2011 |                                                                            |      |    |        |                |         |
| X.XX      | APPROVED                   | Roger Tsai | 12/28/2011 |                                                                            |      |    |        |                |         |
| X.XXX     | DWG TYPE                   | CUST DWG   | OTHER      |                                                                            |      |    |        |                |         |
| ANGULAR   | UNLESS OTHERWISE SPECIFIED |            |            |                                                                            |      |    |        |                |         |

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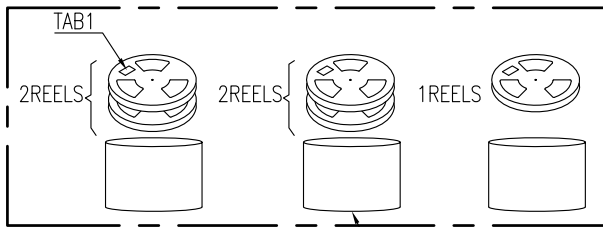
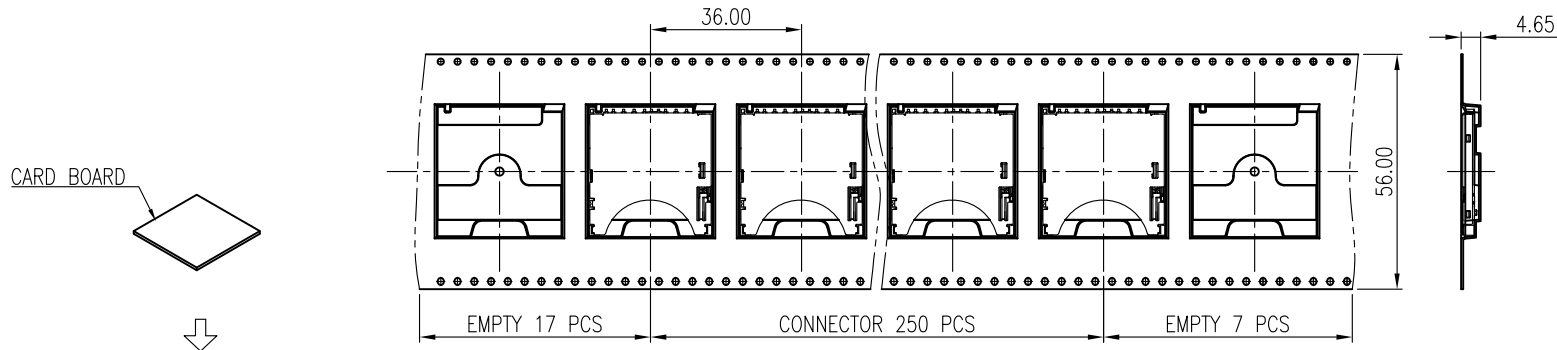
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ORIGINAL



| REVISIONS |          |                             |            |            |
|-----------|----------|-----------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                 | DATE       | APPROVED   |
| A1        | NE-09125 | ADD KEEP OUT AREA           | 07/20/2009 | Roger Tsai |
| B1        | NE-11096 | MODIFIED DRAWING            | 09/13/2011 | Roger Tsai |
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| D1        | NE-11186 | MODIFIED DRAWING            | 12/28/2011 | Roger Tsai |
| E         | NE-07910 | DWG UPDATED                 | 12/14/2007 | Hank Hsu   |
| F         | NE-09098 | PACKING DWG UPDATED         | 06/08/2009 | Arron Lin  |

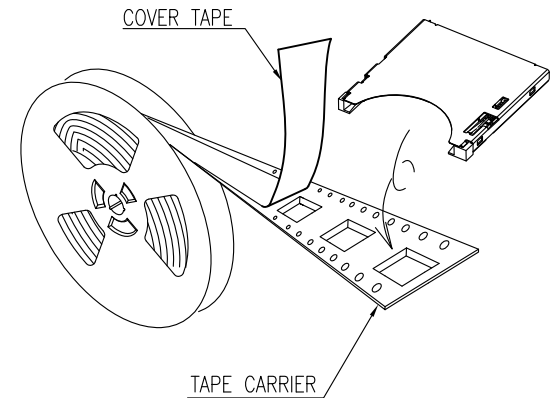


|                             |
|-----------------------------|
| P/N : GSD09002SEU           |
| Q'TY : 250                  |
| P/O : 411-012345-001        |
| DATE : MM / DD / YYYY       |
| G.W : **KG                  |
| RoHS                        |
| Amphenol Taiwan Corporation |

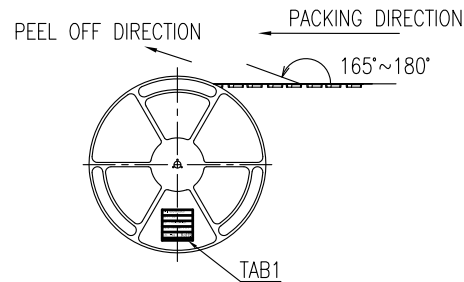
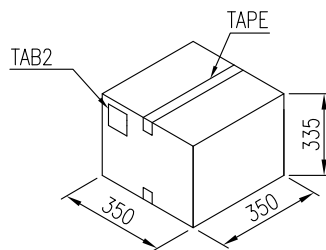
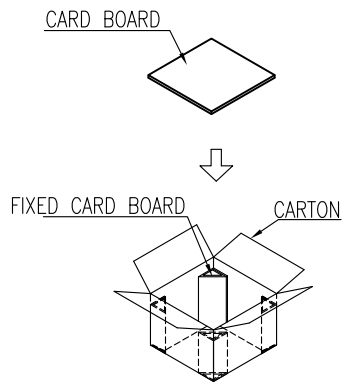
REEL LABEL EXAMPLE  
TAB1

|                             |
|-----------------------------|
| P/N : GSD09002SEU           |
| Q'TY : 1250                 |
| P/O : 411-012345-001        |
| DATE : MM / DD / YYYY       |
| G.W : **KG                  |
| RoHS                        |
| Amphenol Taiwan Corporation |

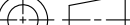
CARTON LABEL EXAMPLE  
TAB2



|               |                    |
|---------------|--------------------|
| PEELING SPEED | 300mm/MIN±10mm/MIN |
| FORCE         | 30g~130g           |



| FOR PRODUCT<br>PART NO | PARTS PER<br>CARTON (S.P.Q) | PARTS PER<br>PEEL | TOTAL PEELS<br>PER CARTON |
|------------------------|-----------------------------|-------------------|---------------------------|
| GSD09002SEU            | 1250                        | 250               | 5                         |

| TOLERANCE                                    |  | APPROVALS              |  | DATE                  |  | TITLE                                                                                 |  |             | Amphenol®                                           |                 |  |                            |  |            |  |
|----------------------------------------------|--|------------------------|--|-----------------------|--|---------------------------------------------------------------------------------------|--|-------------|-----------------------------------------------------|-----------------|--|----------------------------|--|------------|--|
| X.<br>X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.10 |  | DRAWN<br>Aqua Chou     |  | 12/28/2011            |  | GSD SERIES<br>SD CARD CONNECTOR<br>SMT TYPE, 9 POSITIONS<br>PUSH-PUSH TYPE            |  |             | Amphenol Corporation<br>Amphenol Taiwan Corporation |                 |  |                            |  |            |  |
|                                              |  | CHECKED<br>Roger Tsai  |  | 12/28/2011            |  |                                                                                       |  |             |                                                     |                 |  |                            |  |            |  |
|                                              |  | APPROVED<br>Roger Tsai |  | 12/28/2011            |  |                                                                                       |  |             |                                                     |                 |  |                            |  |            |  |
| ANGULAR ±1°                                  |  |                        |  |                       |  |  |  | UNIT<br>mm  |                                                     | SIZE<br>A3      |  | PART No.<br>GSD 09 002 SEU |  |            |  |
| UNLESS OTHERWISE SPECIFIED                   |  | DWG TYPE<br>CUST DWG   |  | PROJECT CODE<br>OTHER |  |  |  | SCALE<br>NA |                                                     | SHEET<br>2 OF 2 |  | DWG No.<br>GSD 09 002 SEU  |  | REV.<br>D1 |  |