

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.



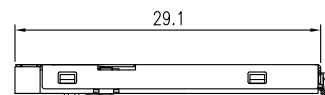
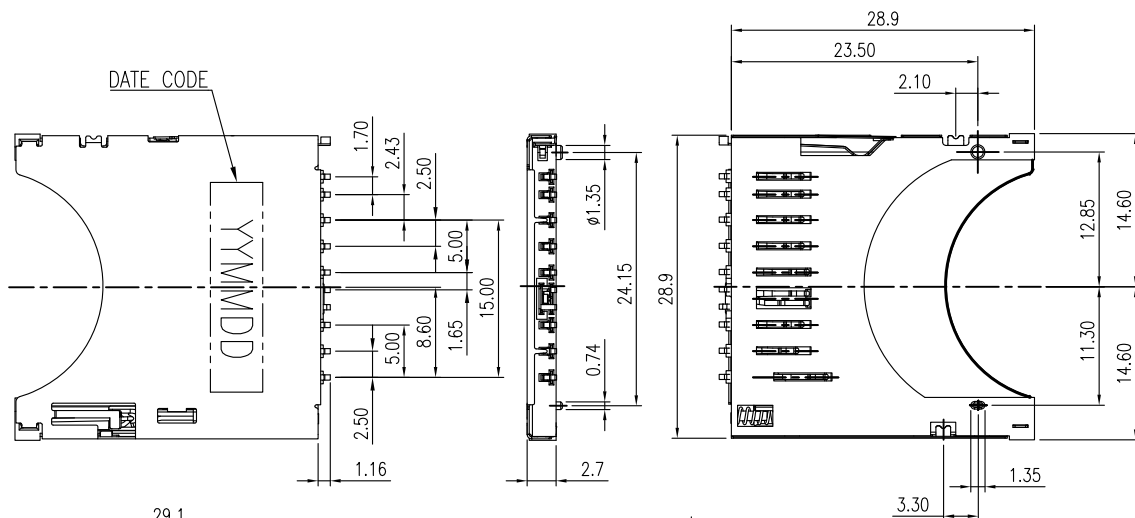
ORIGINAL



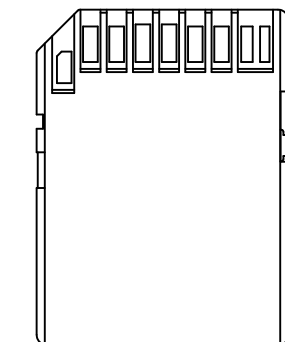
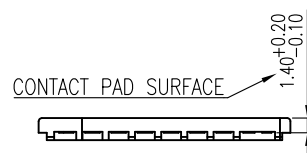
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		APPROVED REVISION	12/19/2011	Roger Tsai

PIN ASSIGNMENT		
PIN#	NAME	DESCRIPTION
1	DAT3	DATA LINE
2	CMD	COMMAND/RESPONSE
3	Vss1	SUPPLY VOLTAGE GROUND
4	V _{DD}	SUPPLY VOLTAGE
5	CLK	CLOCK
6	Vss2	SUPPLY VOLTAGE GROUND
7	DAT0	DATA LINE
8	DAT1	DATA LINE
9	DAT2	DATA LINE

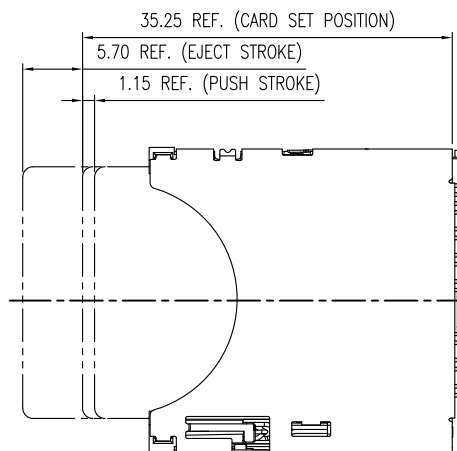
PIN ASSIGNMENT		
PIN#	NAME	DESCRIPTION
10	WP	WRITE PROTECT
11	CD	CARD DETECT
12	GND	SHELL GROUND
13	GND	SHELL GROUND



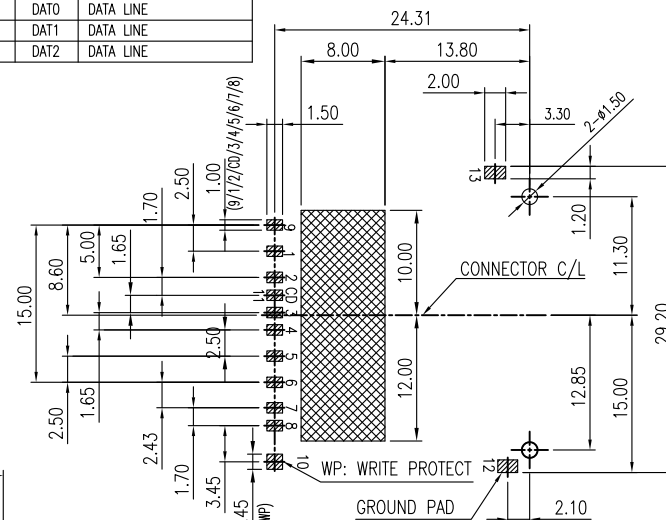
PIN NO.		SD	MMC
P1	MMC-DAT SD-DAT3	1P	7P
P2	MMC-CMD SD-CMD	2P	2P
P3	MMC-VSS1 SD-VSS1	3P	3P
P4	MMC-VDD SD-VDD	4P	4P
P5	MMC-CLK SD-CLK	5P	5P
P6	MMC-VSS2 SD-VSS2	6P	6P
P7	MMC-DAT0 SD-DAT0	7P	1P
P8	SD-DAT1	8P	
P9	SD-DAT2	9P	



RECOMMENDED CONTACT PAD SURFACE
SD MEMORY CARD

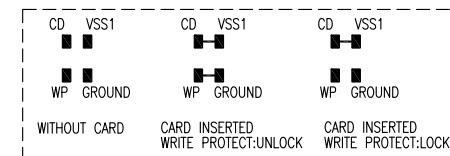


VIEW OF INSERTED CARD



RECOMMENDED PCB LAYOUT
(ALL TOLERANCE ARE ± 0.05)

 : RECOMMENDED SOLDER PAD AREA
 : TRACE KEEP OUT AREA



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

TOLERANCE		APPROVALS		DATE	GSD SERIES SD CARD CONNECTOR SMT TYPE, 9 POSITIONS PUSH-PUSH TYPE  UNITmm SIZEA3				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X±0.30 X.XX±0.20 X.XXX±0.10		DRAWN Aqua Chou	12/19/2011						PART No. GSD 09 002 SDEU		
		CHECKED Roger Tsai	12/19/2011								
		APPROVED Roger Tsai	12/19/2011								
ANGULAR ±1°											
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE OTHER		SCALE NA		SHEET 1 OF 2		DWG No. GSD 09 002 SDEU		REV. A

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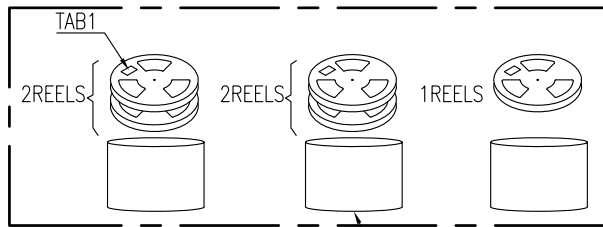
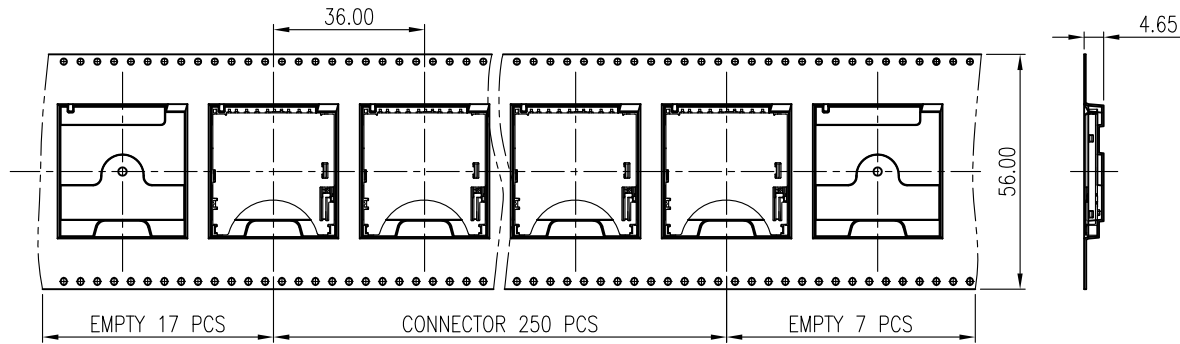
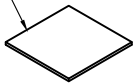


ORIGINAL

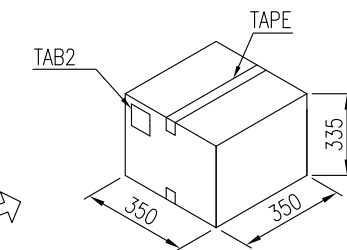
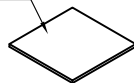


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		APPROVED REVISION	12/19/2011	Roger Tsai

CARD BOARD

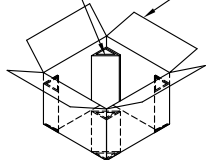


CARD BOARD



FIXED CARD BOARD

CARTON



P/N : GSD09002SDEU
Q'TY : 250
P/O : 411-012345-001
DATE : MM / DD / YYYY
G.W : **KG
RoHS
Amphenol Taiwan Corporation

REEL LABEL EXAMPLE
TAB1

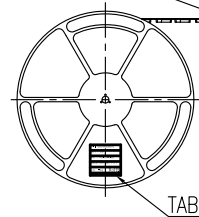
P/N : GSD09002SDEU
Q'TY : 1250
P/O : 411-012345-001
DATE : MM / DD / YYYY
G.W : **KG
RoHS
Amphenol Taiwan Corporation

CARTON LABEL EXAMPLE
TAB2

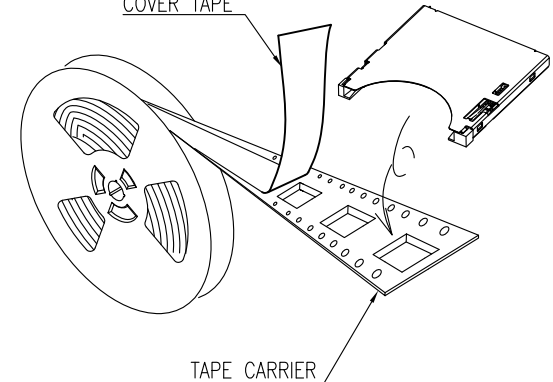
PEEL OFF DIRECTION

PACKING DIRECTION

165°~180°



COVER TAPE



TAPES CARRIER

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

FOR PRODUCT PART NO	PARTS PER CARTON (S.P.Q)	PARTS PER PEEL	TOTAL PEELS PER CARTON
GSD09002SDEU	1250	250	5

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X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou		12/19/2011										
		CHECKED Roger Tsai		12/19/2011					UNIT mm		SIZE A3		PART No. GSD 09 002 SDEU	
ANGULAR ±1°		APPROVED Roger Tsai		12/19/2011					SCALE NA		SHEET 2 OF 2		DWG No. GSD 09 002 SDEU	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE OTHER										