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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 2011/65/EU for RoHS compliant.



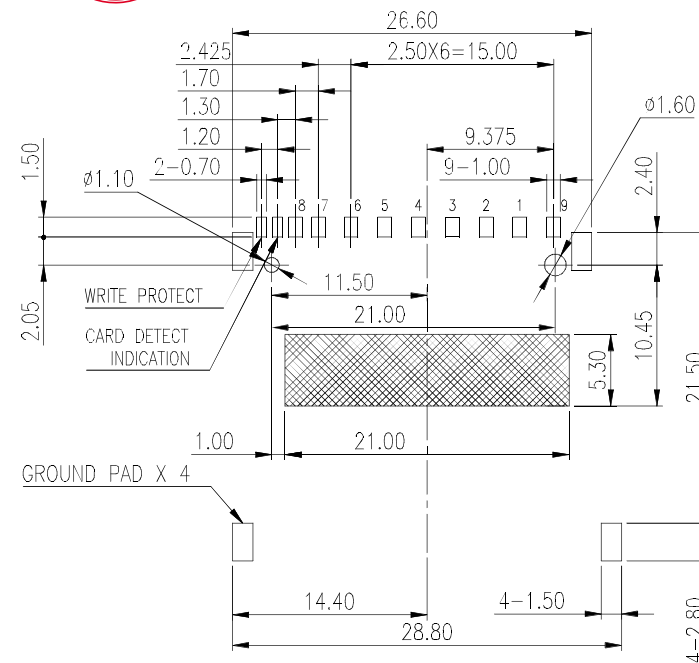
ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		NEW RELEASE	03/19/2008	Hank Hsu
B	NE-09125	ADD KEEP OUT AREA	07/20/2009	Roger Tsai
C	NE-11080	ADD PART NO. SYSTEM	06/08/2011	Roger Tsai
D	NE-12064	MODIFIED DRAWING	04/27/2012	Roger Tsai
E	NE-15015	MODIFIED SHELL OPENING	02/03/2015	Roger Tsai

SD CARD

PIN#	NAME	DESCRIPTION
1	CD/DAT3	CARD DETECT/DATA LINE BIT3
2	CMD	COMMAND/RESPONSE
3	VSS1	SUPPLY VOLTAGE GROUND
4	VDD1	SUPPLY VOLTAGE
5	CLK	CLOCK
6	VSS2	SUPPLY VOLTAGE GROUND
7	DAT0	DATA LINE BIT0
8	DAT1	DATA LINE BIT1
9	DAT2	DATA LINE BIT2

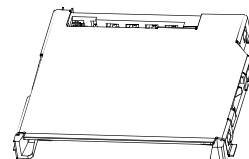
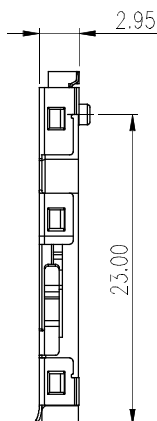
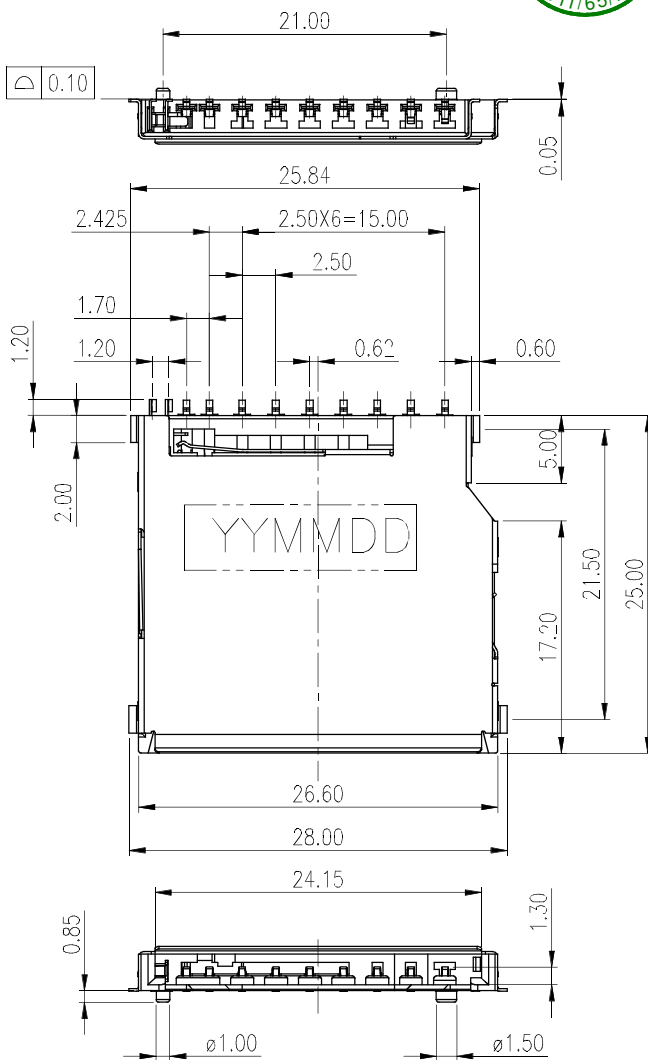


RECOMMENDED PCB LAYOUT

(ALL TOLERANCE ARE ± 0.05)

□ : RECOMMENDED SOLDER PAD AREA

■ : TRACE KEEP OUT AREA



PART NO. GSD09001XSEU

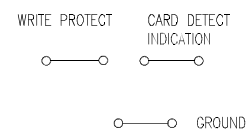
CONTACT FINISH

0: GOLD FLASH

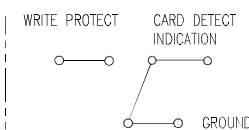
1: 5 μ " GOLD

2: 15 μ " GOLD

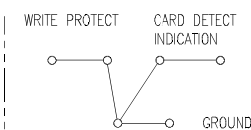
3: 30 μ " GOLD



WITHOUT CARD



CARD INSERTED
WRITE PROTECT: LOCK



CARD INSERTED
WRITE PROTECT: UNLOCK

SCHEMATIC

NOTES:

1. INSULATOR: LCP, UL 94V-0, COLOR- IVORY.
2. CONTACT: PHOSPHOR BRONZE, 0.15 MM THICKNESS, SELECTED GOLD PLATING ON CONTACT AREA, 100u" TIN PLATING ON SOLDERING TAIL.
3. COVER: STEEL.
4. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIAL PER DIRECTIVE 2011/65/EU FOR RoHS.

TOLERANCE	APPROVALS	DATE	GSD SERIES SD CARD CONNECTOR SMT TYPE, 9 POSITIONS		Amphenol [®] Amphenol Corporation Amphenol Taiwan Corporation	
X. X.X X.XX X.XXX	DRAWN Aqua Chou CHECKED Roger Tsai APPROVED Roger Tsai	02/03/2015 02/03/2015 02/03/2015				
ANGULAR $\pm 1^\circ$	DWG TYPE CUST DWG	PROJECT CODE OTHER	UNIT mm SCALE NA	SIZE A3 SHEET 1 OF 2	PART No. GSD09001XSEU	REV. E
UNLESS OTHERWISE SPECIFIED					DWG No. GSD09001XSEU	

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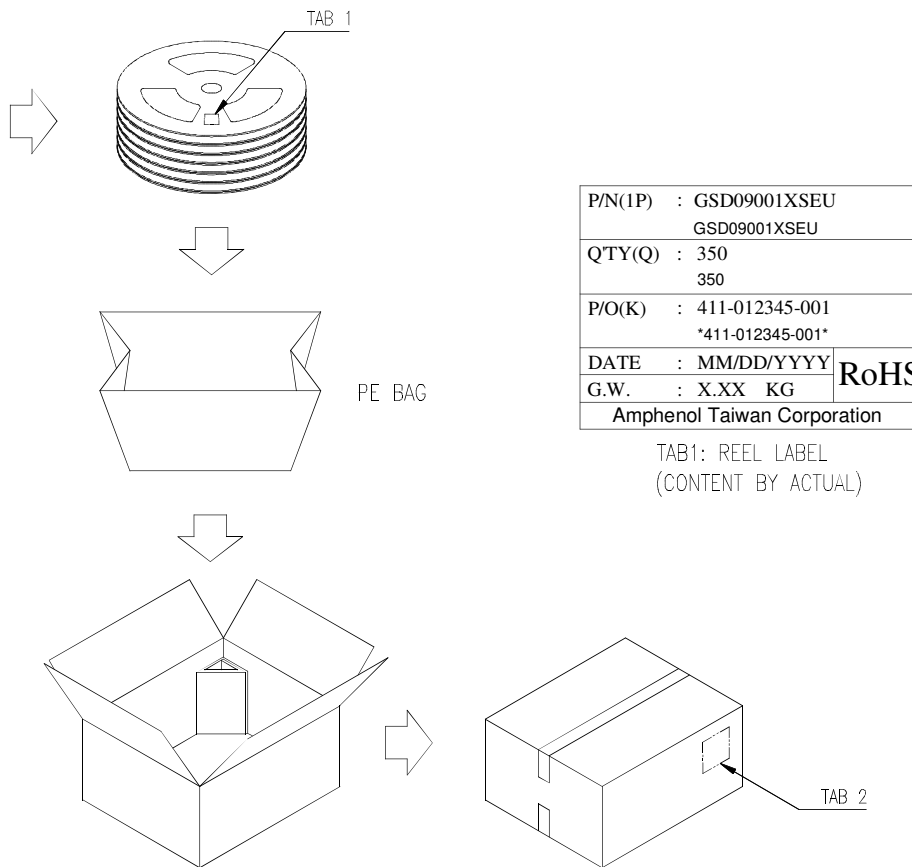
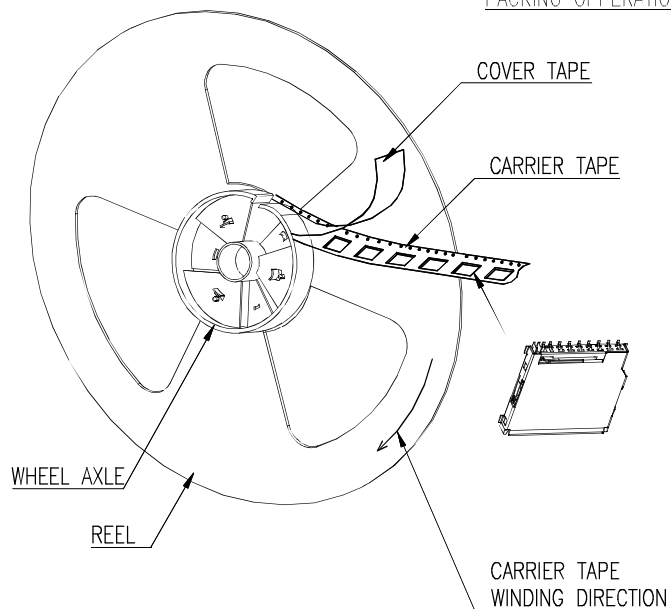


ORIGINAL



REVISIONS				
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PACKING OPERATION DIAGRAM



P/N(1P) : GSD09001XSEU GSD09001XSEU		RoHS
QTY(Q) : 350 350		
P/O(K) : 411-012345-001 *411-012345-001*		RoHS
DATE : MM/DD/YYYY		
G.W. : X.XX KG		
Amphenol Taiwan Corporation		

TAB1: REEL LABEL
(CONTENT BY ACTUAL)

P/N(1P) : GSD09001XSEU		RoHS
GSD09001XSEU		
Q"TY(Q) : 2100		RoHS
2100		
P/O(K) : 411-012345-001		RoHS
411-012345-001		
DATE : MM/DD/YYYY		RoHS
G.W. : X.XX KG		
Amphenol Taiwan Corporation		

TAB2: CARTON LABEL
(CONTENT BY ACTUAL)

NOTES:

1. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
2. QUANTITY:

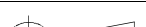
350 PCS/15"REEL

6 REELS/CARTON

2100 PCS/CARTON

3. CARTON MUST BE SEALED IN PAPER-TAPE.

4. IF ODD, MUST CLOG UP THE CARTON IN BUFFER MATERIALS.

TOLERANCE		APPROVALS		DATE		TITLE				Amphenol [®]			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou		02/03/2015		GSD SERIES SD CARD CONNECTOR SMT TYPE, 9 POSITIONS				Amphenol Corporation Amphenol Taiwan Corporation			
		CHECKED Roger Tsai		02/03/2015									
		APPROVED Roger Tsai		02/03/2015									
ANGULAR ±1°								UNIT mm	SIZE A3	PART No. GSD09001XSEU			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE OTHER				SCALE NA	SHEET 2 OF 2	DWG No. GSD09001XSEU		REV. E	