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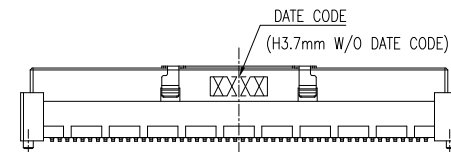
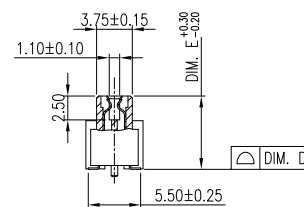
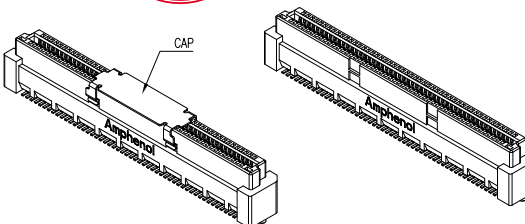
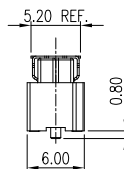
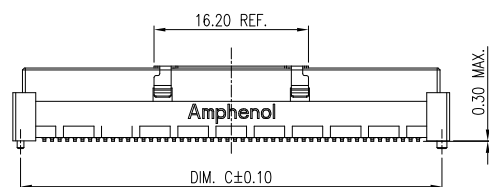
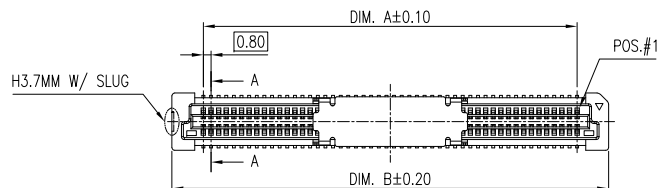
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.



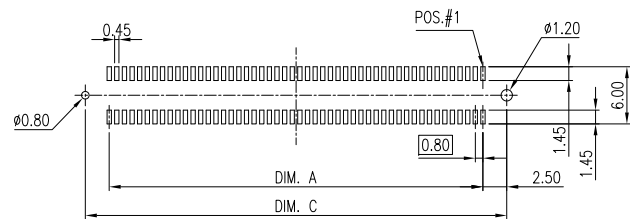
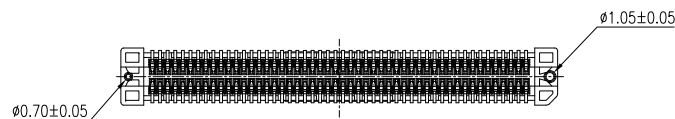
ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	2016.03.08	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 3	2016.03.17	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	2016.08.25	Sondra Sang
D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	2016.11.02	Sondra Sang
E	NE-18203	ADD PIN#1 MARK IN PCB LAYOUT; CORRECT HSG SHAPE	2018.10.09	Sondra Sang



RA-A SECTION



RECOMMENDED PCB LAYOUT- TOP VIEW
(GENERAL TOLERANCES: ±0.05)

NOTES:

- HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- BLACK
- CONTACT: COPPER ALLOY, SELECTIVE GOLD PLATED ON CONTACT AREA, 100μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 50μ" MIN. NICKEL UNDER-PLATED OVERALL
- CAP: STAINLESS STEEL
- PRODUCT SPECIFICATION REFERS TO PS-7580
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER R DIRECTIVE 2011/65/EC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.

PART NUMBER:

G832MC 0 X XXX X X 2 X HR

COLOR OF HSG

- LCP, BLACK
- LCP, NATURAL WHITE

NO OF POS.

CONN. HEIGHT (DIM. E)

- 3.70mm
- 6.70mm
- 7.70mm
- 11.70mm

PACKAGE OPTION

- TUBE PACKING, W/O CAP
- T&R PACKING, W/ CAP
- T&R PACKING, W/O CAP
- T&R PACKING, W/ MYLAR (JUST FOR 20~30POS.)
- TUBE PACKING, W/ CAP

CONTACT FINISH

- GOLD FLASH
- 15μ" GOLD
- 30μ" GOLD
- 8μ" GOLD

DATE CODE
X X X X
DATE (1~7: SUNDAY~SATURDAY)
WEEK (25: THE 25TH WEEK)
YEAR (5: 2015)

200	79.20	85.80	84.20	0.13 MAX.
180	71.20	77.80	76.20	
160	63.20	69.80	68.20	
140	55.20	61.80	60.20	
120	47.20	53.80	52.20	0.10 MAX.
100	39.20	45.80	44.20	
80	31.20	37.80	36.20	
60	23.20	29.80	28.20	
40	15.20	21.80	20.20	
POS.	DIM. A	DIM. B	DIM. C	DIM. D

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	UNIT	SIZE	PART No.
X. X.X X.XX X.XXX	DESIGNED	Sondra Sang	10/09/2018	BOARD TO BOARD CONN. 0.80mm PITCH, RECEPTACLE HIGH SPEED, 100 OHMS	mm	A3	G832MC 0XXXX XX2X HR
ANGULAR ±2°	CHECKED	Chenny Yeh	10/09/2018		SCALE	SHEET 1 OF 6	DWG No. G832MC0XXXXXX2XHR
UNLESS OTHERWISE SPECIFIED	APPROVED	Hank Hsu	10/09/2018		UNIT	mm	REV. E
	DWG TYPE	CUST DWG	PROJECT CODE T572		SCALE	NA	

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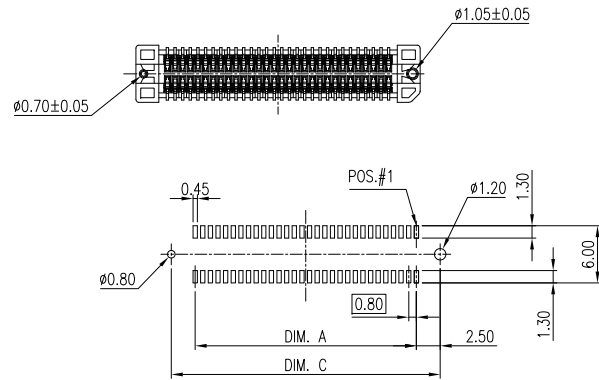
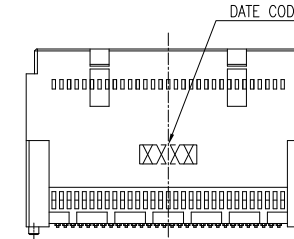
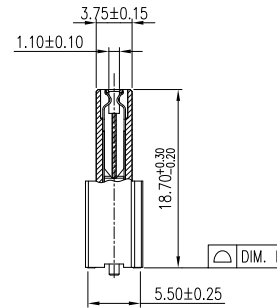
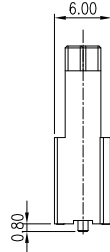
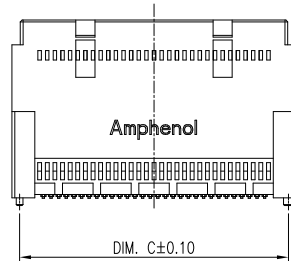
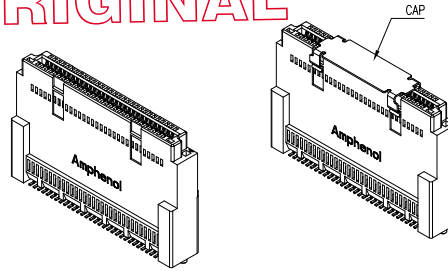
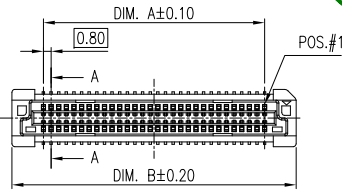
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ORIGINAL



REVISIONS				
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C	NE-16197	CHANGED DATE CODE LOCATION	2016.08.25	Sondra Sang
D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	2016.11.02	Sondra Sang
E	NE-18203	ADD PIN#1 MARK IN PCB LAYOUT; CORRECT HSG SHAPE	2018.10.09	Sondra Sang



RECOMMENDED PCB LAYOUT- TOP VIEW
(GENERAL TOLERANCES: ±0.05)

A-A SECTION

PART NUMBER:
G832MC 0 X XXX 8 X 2 X HR

COLOR OF HSG
1: LCP, BLACK

NO OF POS.

CONN. HEIGHT (DIM. E)
8: 18.70mm

PACKAGE OPTION

- 1: TUBE PACKING, W/O CAP
2: T&R PACKING, W/ CAP
3: T&R PACKING, W/O CAP
4: T&R PACKING, W/ MYLAR (JUST FOR 20~30 POS.)
5: TUBE PACKING, W/ CAP

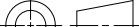
CONTACT FINISH
0: GOLD FLASH
1: 15μ" GOLD
2: 30μ" GOLD
3: 8μ" GOLD

DATE CODE
X X X
DATE (1~7: SUNDAY~SATURDAY)
WEEK (25: THE 25TH WEEK)
YEAR (5: 2015)

200	79.20	85.80	84.20	0.13 MAX.
180	71.20	77.80	76.20	
160	63.20	69.80	68.20	
140	55.20	61.80	60.20	
120	47.20	53.80	52.20	0.10 MAX.
100	39.20	45.80	44.20	
80	31.20	37.80	36.20	
60	23.20	29.80	28.20	
40	15.20	21.80	20.20	
POS.	DIM. A	DIM. B	DIM. C	DIM. D

NOTES:

- HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- BLACK
- CONTACT: COPPER ALLOY, SELECTIVE GOLD PLATED ON CONTACT AREA, 100μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 50μ" MIN. NICKEL UNDER-PLATED OVERALL
- CAP: STAINLESS STEEL
- PRODUCT SPECIFICATION REFERS TO PS-7580
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER R DIRECTIVE 2011/65/EC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.

TOLERANCE		DRAWN	APPROVALS	DATE	TITLE		Amphenol®				
X.		DESIGNED	Sondra Sang	10/09/2018	BOARD TO BOARD CONN.		Amphenol Corporation Amphenol Taiwan Corporation				
X.X ±0.30					0.80mm PITCH, RECEPTACLE						
X.XX ±0.20					HIGH SPEED, 100 OHMS						
X.XXX ±0.10											
ANGULAR ±2°		CHECKED	Chenny Yeh	10/09/2018			UNIT		SIZE	PART No.	
		APPROVED	Hank Hsu	10/09/2018			mm		A3	G832MC 0XXXX XX2X HR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE			SCALE		SHEET	DWG No.	REV.
				1572			NA		2 OF 6	G832MC0XXXXXX2XHR	E

Amphenol®

Amphenol Corporation
Amphenol Taiwan Corporation

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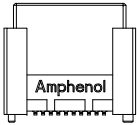
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.



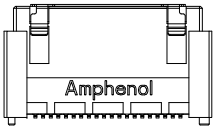
ORIGINAL



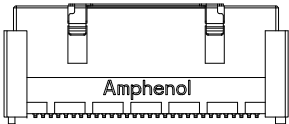
REVISIONS				
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C	NE-16197	CHANGED DATE CODE LOCATION	2016.08.25	Sondra Sang
D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	2016.11.02	Sondra Sang
E	NE-18203	ADD PIN#1 MARK IN PCB LAYOUT; CORRECT HSG SHAPE	2018.10.29	Sondra Sang



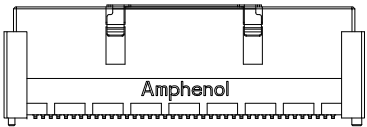
20PIN



40PIN



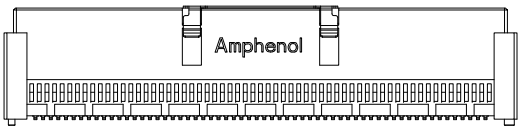
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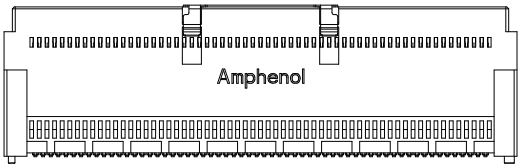
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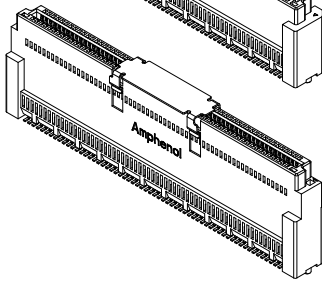
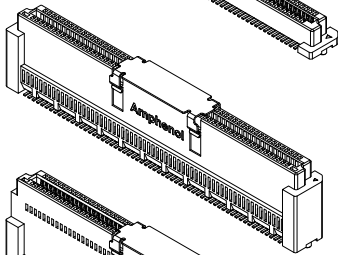
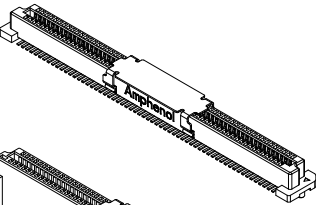
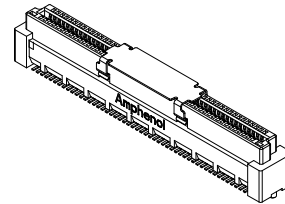
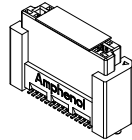
(H3.7mm)



120PIN (H7.7mm & H11.7mm)



(ABOVE H11.7mm)



TOLERANCE		DRAWN		APPROVALS		DATE		TITLE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation															
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±2° UNLESS OTHERWISE SPECIFIED		DESIGNED		Sondra Sang		10/09/2018		BOARD TO BOARD CONN. 0.80mm PITCH, RECEPTACLE HIGH SPEED, 100 OHMS																			
		CHECKED		Chenny Yeh		10/09/2018																					
		APPROVED		Hank Hsu		10/09/2018																					
		DWG TYPE		CUST DWG		PROJECT CODE		T572				UNIT		mm		SIZE		A3		PART No.		G832MC 0XXXX XX2X HR					
												SCALE		NA		SHEET		3 OF 6		DWG No.		G832MC0XXXXXX2XHR		REV.		E	

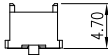
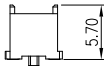
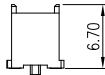
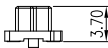
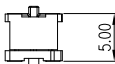
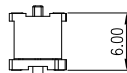
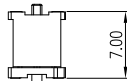
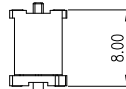
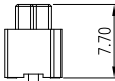
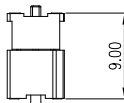
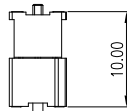
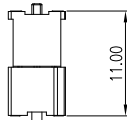
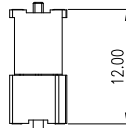
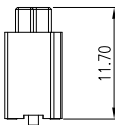
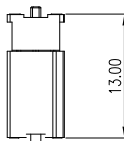
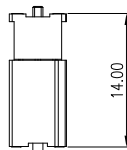
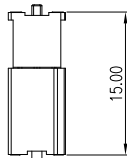
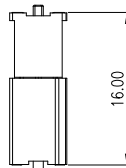
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CONNECTOR STYLE AND MATING HEIGHT		PLUG			
					
		G832MC 1XXXX 2X2X HR	G832MC 1XXXX 3X2X HR	G832MC 1XXXX 4X2X HR	G832MC 1XXXX 5X2X HR
RECEPTACLE					
	G832MC 0XXXX 1X2X HR				
					
	G832MC 0XXXX 5X2X HR				
					
G832MC 0XXXX 6X2X HR					

MATING HEIGHT TABLE 1

TOLERANCE	DRAWN APPROVALS	DATE	TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X X.XX X.XXX ±0.30 ±0.20 ±0.10	DESIGNED Sondra Sang	10/09/2018	BOARD TO BOARD CONN. 0.80mm PITCH, RECEPTACLE HIGH SPEED, 100 OHMS				
	CHECKED Chenny Yeh	10/09/2018					
ANGULAR ±2°	APPROVED Hank Hsu	10/09/2018		UNIT mm	SIZE A3	PART No. G832MC 0XXXX XX2X HR	
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE T572		SCALE NA	SHEET 4 OF 6	DWG No. G832MC0XXXXXX2XHR	REV. E

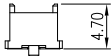
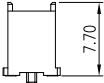
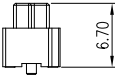
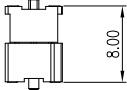
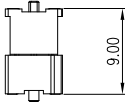
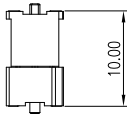
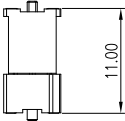
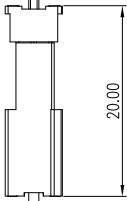
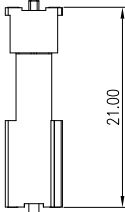
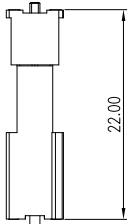
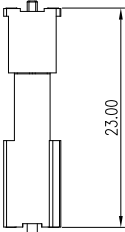
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-16056	RELEASE TO PRODUCTION	2016.03.08	Sondra Sang
B	NE-16063	ADD SLUG HOLE & PAGE 3	2016.03.17	Sondra Sang
C	NE-16197	CHANGED DATE CODE LOCATION	2016.08.25	Sondra Sang
D	NE-16232	ADD H6.7 OPTIONS AND HOLES (H18.7) IN HSG	2016.11.02	Sondra Sang
E	NE-18203	ADD PIN#1 MARK IN PCB LAYOUT; CORRECT HSG SHAPE	2018.10.09	Sondra Sang

CONNECTOR STYLE AND MATING HEIGHT		PLUG			
					
		G832MC 1XXX 2X2X HR	G832MC 1XXX 3X2X HR	G832MC 1XXX 4X2X HR	G832MC 1XXX 5X2X HR
RECEPTACLE					
	G832MC 0XXXX 4X2X HR				
					
	G832MC 0XXXX 8X2X HR				

MATING HEIGHT TABLE 2

TOLERANCE	DRAWN APPROVALS		DATE	BOARD TO BOARD CONN. 0.80mm PITCH, RECEPTACLE HIGH SPEED, 100 OHMS	Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED	Sondra Sang	10/09/2018			UNIT	SIZE	PART No.
	CHECKED	Chenny Yeh	10/09/2018			mm	A3	G832MC 0XXXX XX2X HR
ANGULAR ±2°	APPROVED	Hank Hsu	10/09/2018			SCALE	SHEET	DWG No.
UNLESS OTHERWISE SPECIFIED	DWG TYPE	CUST DWG	PROJECT CODE		NA	5 OF 6	G832MC0XXXXXX2XHR	REV. E

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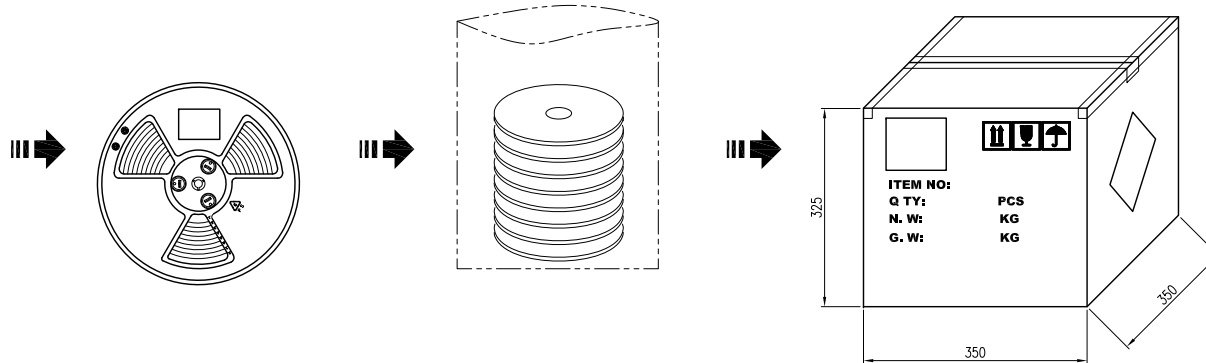
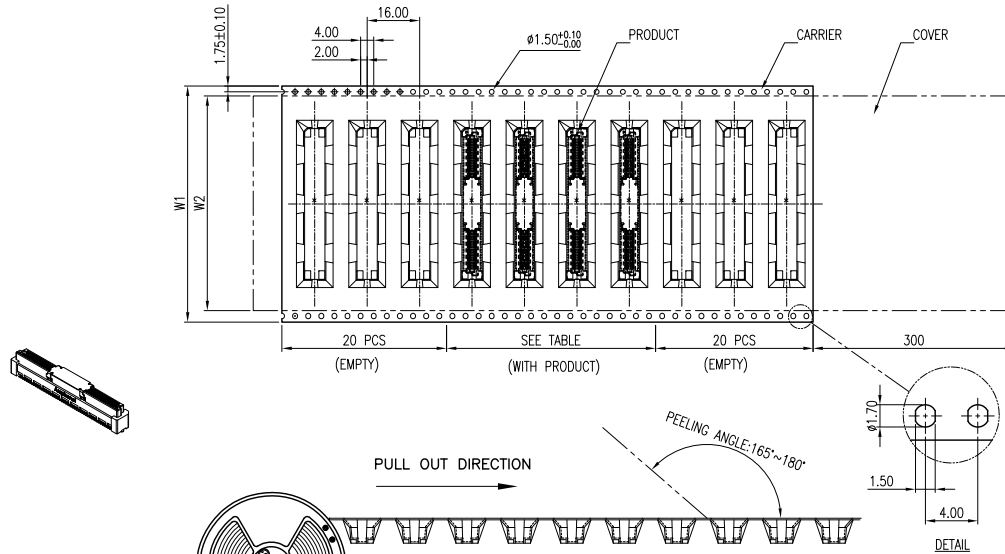
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NOTES:

1. MATERIAL: ANTI-CONDUCTIVE POLYSTYRENE ALLOY, COLOR- BLACK
2. THICKNESS: 0.50±0.05 mm
3. PEELING SPEED: 300mm/MINUTE
4. PEELING RESISTANCE: 30g~100g
5. PEELING ANGLE: 165° ~ 180°
6. LABEL: 3 OF 9 CODE OR 128 CODE
7. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EC FOR RoHS COMPLIANT.

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	UNIT	SIZE	PART No.
X.	DESIGNED	Sondra Sang	10/09/2018	BTB 0.8MM PITCH	mm	A3	G832MC 0X XXX XX2X HR
X.X	CHECKED	Chenny Yeh	10/09/2018	RECEPTACLE FOR G832MC	SCALE	SHEET	G832MC0XXXXXX2XHR
X.XX	APPROVED	Hank Hsu	10/09/2018	TAPE & REEL PACKING	NA	6 OF 6	REV. E
X.XXX	DWG TYPE	CUST DWG	PROJECT CODE	1572			
ANGULAR							
UNLESS OTHERWISE SPECIFIED							