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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	NE-16124	APPROVED REVISION	06/17/2016	Roger Tsai
B	NE-18140	ADDED SERIES PKG	07/09/2018	Roger Tsai

NOTES:

1. INSULATOR: NYLON 4T, UL 94V-0, COLOR: BLACK.
2. CONTACT: COPPER ALLOY, SELECTIVE GOLD OR MATTE TIN PLATED ON CONTACT AREA, GOLD FLASH OR 100 μ " MIN. MATTE TIN PLATED ON SOLDERING TAIL, 50 μ " MIN. NICKEL UNDER-PLATING OVERALL.
3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EU FOR RoHS.
4. PER AMTA PACKING SPECIFICATION PKS-0001.
5. PRODUCT SPECIFICATION REFER TO : PS-7522.
6. TEST SUMMARY REFER TO : TS-7522-001.
7. PART NUMBER:

G823 XX 1 X YBTHR

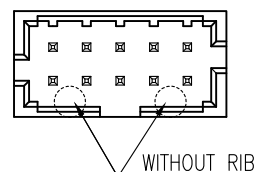
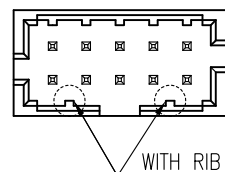
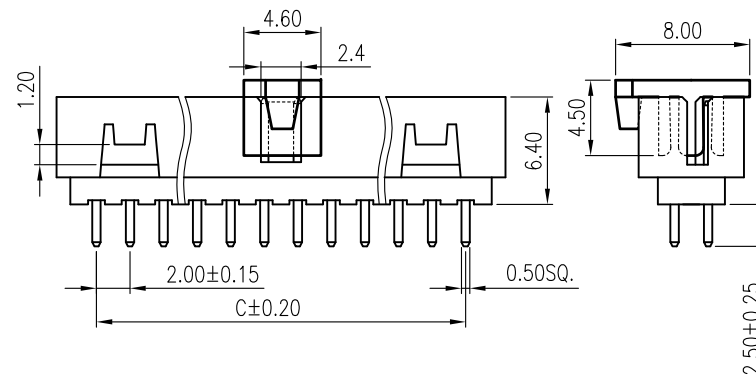
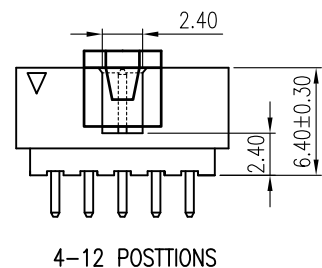
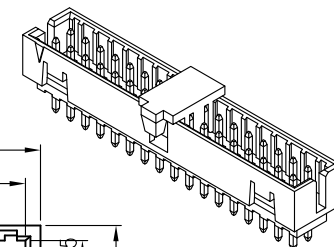
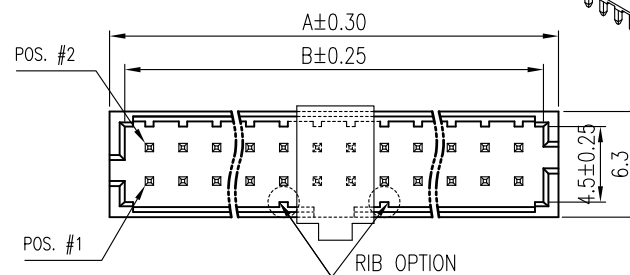
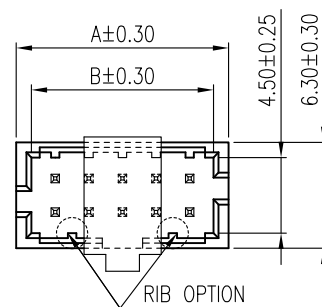
0: FULL GOLD FLASH

CONTACT FINISH: 2: 15 μ " GOLD

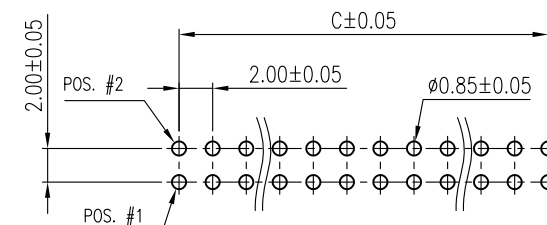
3: 30 μ " GOLD

4: FULL 100 μ " MATTE TIN

NUMBER OF POSITIONS

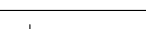


RIB OPTION



RECOMMENDED PCB LAYOUT

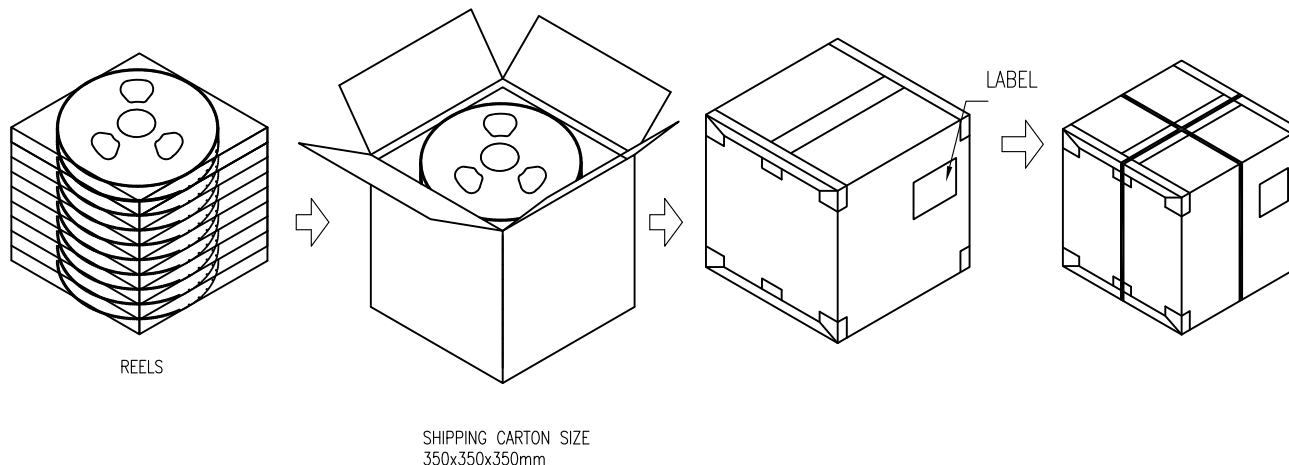
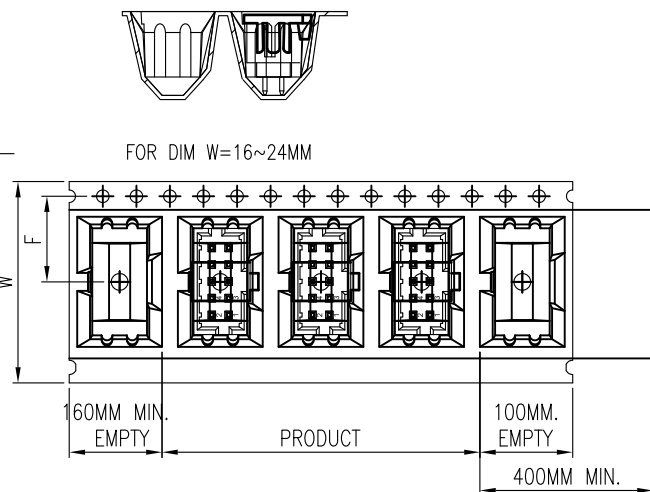
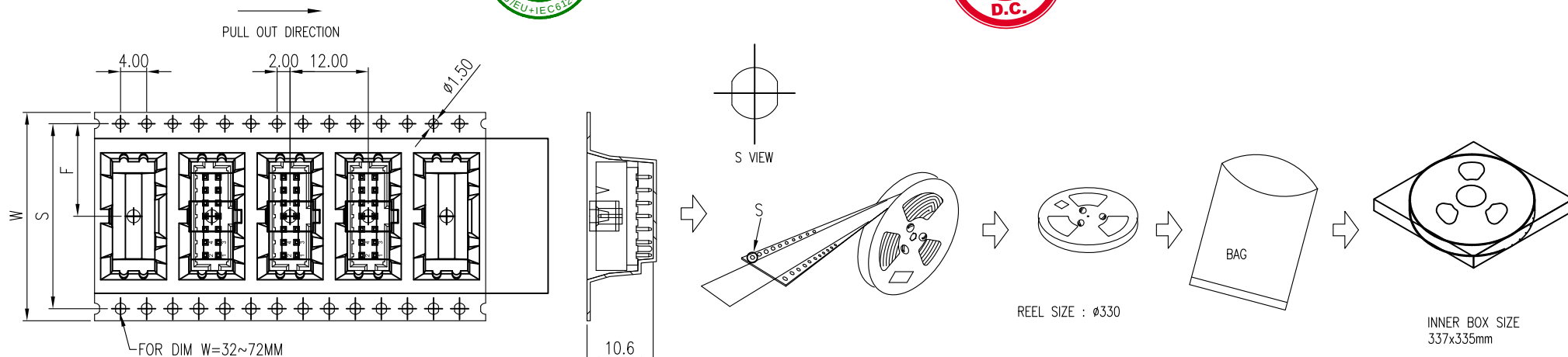
G823 50 1 X YBTHR	50	52.65	50.85	48.00	WITH RIB
G823 44 1 X YBTHR	44	46.65	44.85	42.00	WITH RIB
G823 42 1 X YBTHR	42	44.65	42.85	40.00	WITH RIB
G823 40 1 X YBTHR	40	42.65	40.85	38.00	WITH RIB
G823 38 1 X YBTHR	38	40.65	38.85	36.00	WITH RIB
G823 36 1 X YBTHR	36	38.65	36.85	34.00	WITH RIB
G823 34 1 X YBTHR	34	36.65	34.85	32.00	WITH RIB
G823 32 1 X YBTHR	32	34.65	32.85	30.00	WITH RIB
G823 30 1 X YBTHR	30	32.65	30.85	28.00	WITH RIB
G823 28 1 X YBTHR	28	30.65	28.85	26.00	WITH RIB
G823 26 1 X YBTHR	26	28.65	26.85	24.00	WITH RIB
G823 24 1 X YBTHR	24	26.65	24.85	22.00	WITH RIB
G823 22 1 X YBTHR	22	24.65	22.85	20.00	WITH RIB
G823 20 1 X YBTHR	20	22.65	20.85	18.00	WITH RIB
G823 18 1 X YBTHR	18	20.65	18.85	16.00	WITH RIB
G823 16 1 X YBTHR	16	18.65	16.85	14.00	WITH RIB
G823 14 1 X YBTHR	14	16.65	14.85	12.00	WITHOUT RIB
G823 12 1 X YBTHR	12	14.65	12.85	10.00	WITH RIB
G823 10 1 X YBTHR	10	12.65	10.85	8.00	WITH RIB
G823 08 1 X YBTHR	8	10.65	8.85	6.00	WITH RIB
G823 06 1 X YBTHR	6	8.65	6.85	4.00	WITHOUT RIB
G823 04 1 X YBTHR	4	6.65	4.85	2.00	WITHOUT RIB
PART NUMBER	NO. OF POS.	DIM. A	DIM. B	DIM. C	RIB OPTION

TOLERANCE		APPROVALS		DATE	G823 SERIES, BOX HEADER 2.00 PITCH, STRAIGHT PCB MOUNT, TAPE&REEL			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou	07/09/218					UNIT mm	SIZE A3	PART No. G823 XX 1 X YBTHR			
ANGULAR ±1°		CHECKED Karen Su	07/09/218					SCALE NA	SHEET 1 OF 2	DWG No. G823XX1XYBTHR	REV. B		
UNLESS OTHERWISE SPECIFIED		APPROVED Roger Tsai	07/09/218										
DWG TYPE CUST DWG		PROJECT CODE BHD											

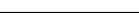
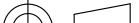
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ORIGINAL



38~40	72.0	34.2	68.4	500	1500
26~36	56.0	26.2	52.4	500	2000
18~24	44.0	20.2	40.4	500	2500
12~16	32.0	14.2	28.4	500	3500
06~10	24.0	11.5	--	500	4500
04	16.0	7.5	--	500	5000
POSITION	DIM W (MM)	DIM F (MM)	DIM S (MM)	PARTS PER PEEL	PARTS PER CARTON (S.P.Q)

TOLERANCE		APPROVALS		DATE		TITLE G823 SERIES, BOX HEADER 2.00 PITCH, STRAIGHT PCB MOUNT, TAPE&REEL			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou		07/09/218								
		CHECKED Karen Su		07/09/218								
		APPROVED Roger Tsai		07/09/218								
ANGULAR ±1°						UNIT mm	SIZE A3	PART No. G823 XX 1 X YBTHR				
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE BHD				SCALE NA	SHEET 2 OF 2	DWG No. G823XX1XYBTHR		REV. B

Mouser Electronics

Authorized Distributor

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[G8232212YBTHR](#) [G8232412YBTHR](#)