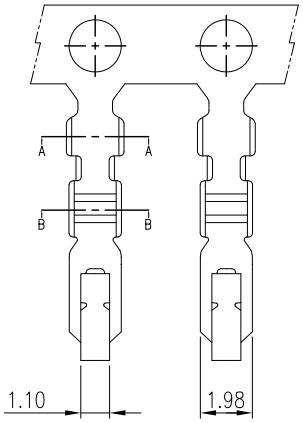
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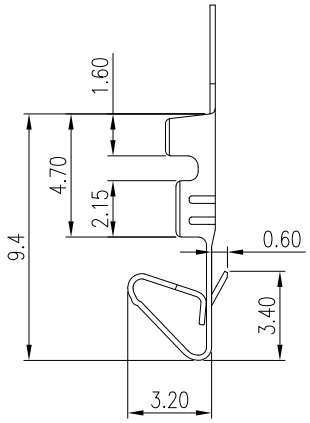
The marking on thisproduct doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

FOR REFERENCE ONLY

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NON-RELEASE REVISION	05/21/2014	Roger Tsai
AX2	EDSR#6752	ADD AWG & PACKAGE	10/14/2016	Roger Tsai
AX3	–	ADD NOTES 6	06/19/2019	Roger Tsai
AX4	–	ADD RECOMMEND CRIMP DIM	04/25/2022	Roger Tsai
AX5	–	ADD RECOMMEND CRIMP DIM	05/10/2022	Roger Tsai

NOTES:
1. MATERIAL:
   TERMINAL: COPPER ALLOY.
2. FINISH:
   TERMINAL:
   SELECTIVE GOLD PLATING OR TIN PLATING 100 μ" THICKNESS MIN.;
   UNDER PLATING: NICKEL PLATING 50 μ" THICKNESS MIN. OVERALL.
3. PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001.
4. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EU FOR RoHS COMPLIANT.
5. APPLICABLE WIRE RANGE: AWG#22~#28.
6. RECOMMENDED HOUSING P/N: G870HXXXTEU
   BOARD MOUNT P/N: G861ABXXX1XTEU

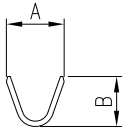




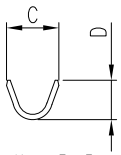
PART NO. G870C X 14 X TEU

CONTACT FINISH/SOLDER AREA
0: 100μ" TIN/100μ" TIN
1: GOLD FLASH/GOLD FLASH
2: 15μ" GOLD/GOLD FLASH

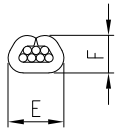
WIRE SPEC.
1: AWG#22~ 24
2: AWG#26~ 28



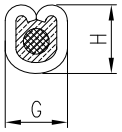
Section A-A



Section B-B



After Routing
For Conductor



After Routing
For Jacket

RECOMMENDED CABLE CRIMPING DIMENSION

AWG#28	1.33±0.03	0.60±0.03	1.50 MAX	1.70 MAX
AWG#26	1.33±0.03	0.65±0.03	1.50 MAX	1.70 MAX
AWG#24	1.33±0.03	0.70±0.03	1.50 MAX	1.70 MAX
AWG#22	1.33±0.03	0.75±0.03	1.50 MAX	1.70 MAX
WIRE RANGE	E	F	G	H
	DIM.(mm)			

AWG 26~AWG 28	0.9~1.5mm	2.2	1.9	1.9	1.3
AWG 22~AWG 24	0.9~1.5mm	2.2	1.9	2.0	1.5
WIRE RANGE	INSULATION O.D.	A	B	C	D

TOLERANCE	APPROVALS	DATE
X. ±0.30 X.X ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Sandy Wu	05/10/2022
	CHECKED Debby Hung	05/10/2022
	APPROVED Roger Tsai	05/10/2022
	DWG TYPE CUST DWG	PROJECT CODE SKT

TITLE: G870 SERIES, TERMINAL CRIMPING TYPE FOR 2.54 CONNECTOR

Amphenol ®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	
mm	A3	G870CX14TEU	
SCALE	SHEET	DWG No.	REV.
NA	1 OF 2	G870CX14TEU	AX5

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REVISIONS

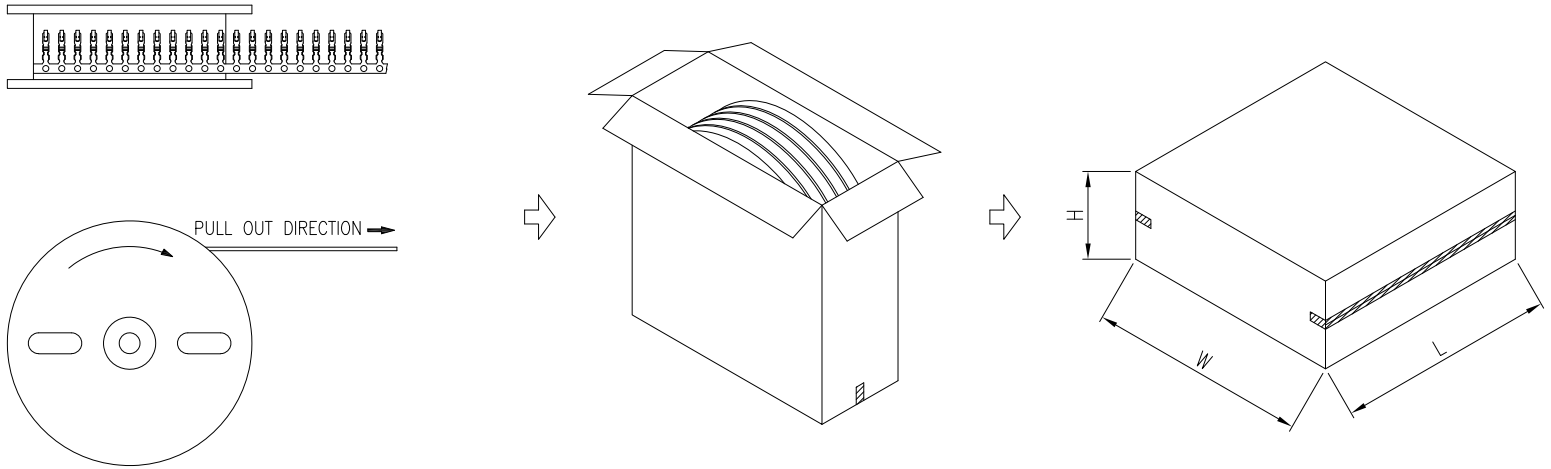
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AX5	–	ADD RECOMMEND CRIMP DIM	05/10/2022	Roger Tsai

PCAKING MATERIAL

PART NAME	DIM(mm)
CARTON	580*580*210

PCAKING CAPACITY

PCS/RE	RE/BC	PCS/BC
10,000	7	70,000



TOLERANCE	APPROVALS	DATE
X.	DRAWN Sandy Wu	05/10/2022
X.X ±0.30	CHECKED Debby Hung	05/10/2022
X.XX ±0.20	APPROVED Roger Tsai	05/10/2022
X.XXX ±0.10	DWG TYPE CUST DWG	PROJECT CODE SKT
ANGULAR ±1°		
UNLESS OTHERWISE SPECIFIED		

TITLE: G870 SERIES, TERMINAL CRIMPING TYPE FOR 2.54 CONNECTOR

Amphenol ®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	
mm	A3	G870CX14TEU	
SCALE	SHEET	DWG No.	REV.
NA	2 OF 2	G870CX14TEU	AX5