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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/EC for RoHS compliant.

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
F	NE-11016	MODIFIED DRAWING	01/28/2011	Sondra Sang
A1	NE-11018	MODIFIED TABLE & TITLE	02/18/2011	Sondra Sang
B1	NE-11151	ADDED SUS SHELL OPTIONS	10/19/2011	Sondra Sang
C1	NE-12231	ADDING SHELL TAIL LENGTH 1.96 IN PNS	12/26/2012	Sondra Sang
D1	NE-16006	ADD DATE CODE VIEW	01/12/2016	Penny Wang
E1	NE-17020	ADD CAP & REVISED CAP IN SHEET 2	01/25/2017	Penny Wang

NOTE:

1.MATERIAL:

CONTACT:PHOSPHOR BRONZE
HOUSING: LCP UL94V-0 RATED, BLACK COLOR
SHELL: COPPER ALLOY or STAINLESS STEEL

2.CONTACT FINISH:

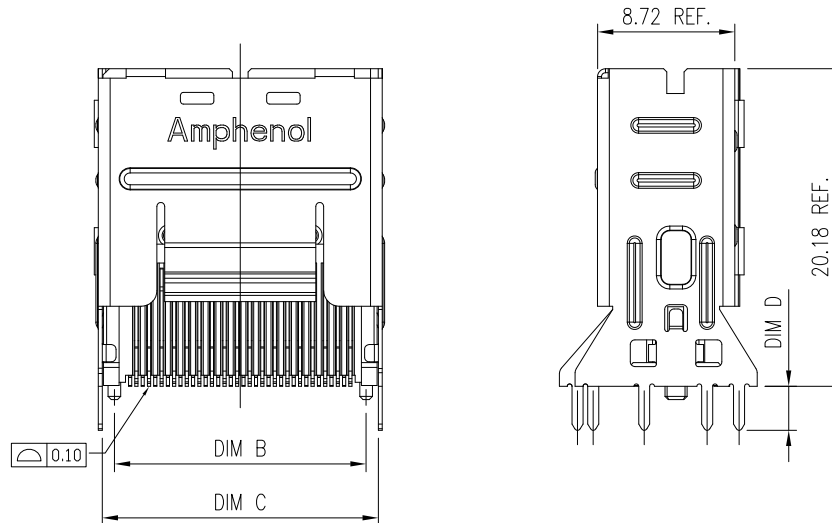
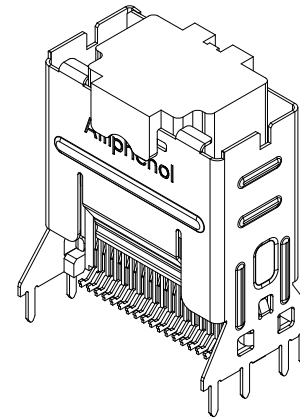
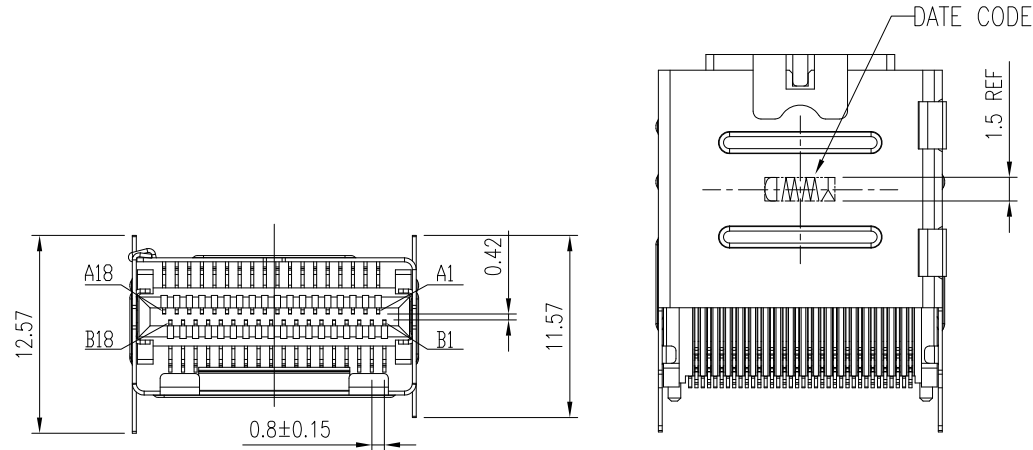
CONTACT AREA: SELECTIVE GOLD PLATED
SOLDER AREA : MATT PURE TIN 120u"
UNDERPLATING: NI 50u"MIN OVERALL.

3. SHELL FINISH (STAINLESS STEEL):

UNDERPLATING: NI 30u"MIN OVERALL.

4.PRODUCT SPEC REFER TO PS-7326

5.THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL
HAZARDOUS MATERIALS PER DIRECTIVE
2002/95/EC/ FOR RoHS



DATE CODE

Y WW D

1~7: DATE

WW: WEEK NO.

6: 2016

Connector Style
V: Vertical Type

Contact Pos
36: 36Pos.

Key Options

L: Left Key Shell
R: Right Key Shell
U: Universal Key Shell
D: Dual Key Shell
A: Left Key Shell (SUS)
B: Right Key Shell (SUS)
C: Universal Key Shell (SUS)
E: Dual Key Shell (SUS)

G40M V 36 X X X X XX

Environment Code
EU: ROHS


Packing Code
A: Tray
B: Tape & Reel

Cage Type

1: Dip Type,GND
pin length=2.80mm
2: Dip Type,GND
pin length=3.40mm
5: Dip Type,GND
pin length=1.96mm
(SUS version not available)

Contact Finis
1: Gold 15U"
2: Gold 30U"

POSITION	DIM A	DIM B	DIM C	DIM D
36 PIN	15.80	16.00	17.55	2.80 / 3.40 / 1.96

TOLERANCE		DRAWN	APPROVALS	DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
X.		DESIGNED	Penny Wang	01/25/2017	MINI SAS VERTICAL SMT CONN., CAGE DIP TYPE								
X.X	±0.30												
X.XX	±0.20	CHECKED	Sondra Sang	01/25/2017									
X.XXX	±0.10												
ANGULAR	±1°	APPROVED	Hank Hsu	01/25/2017		UNIT	mm	SIZE	A3	PART No.	G40MV 36XXXX EU		
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE		T435	SCALE	NA	SHEET	1 OF 4	DWG No.	G40MV36XXXXEU	REV.

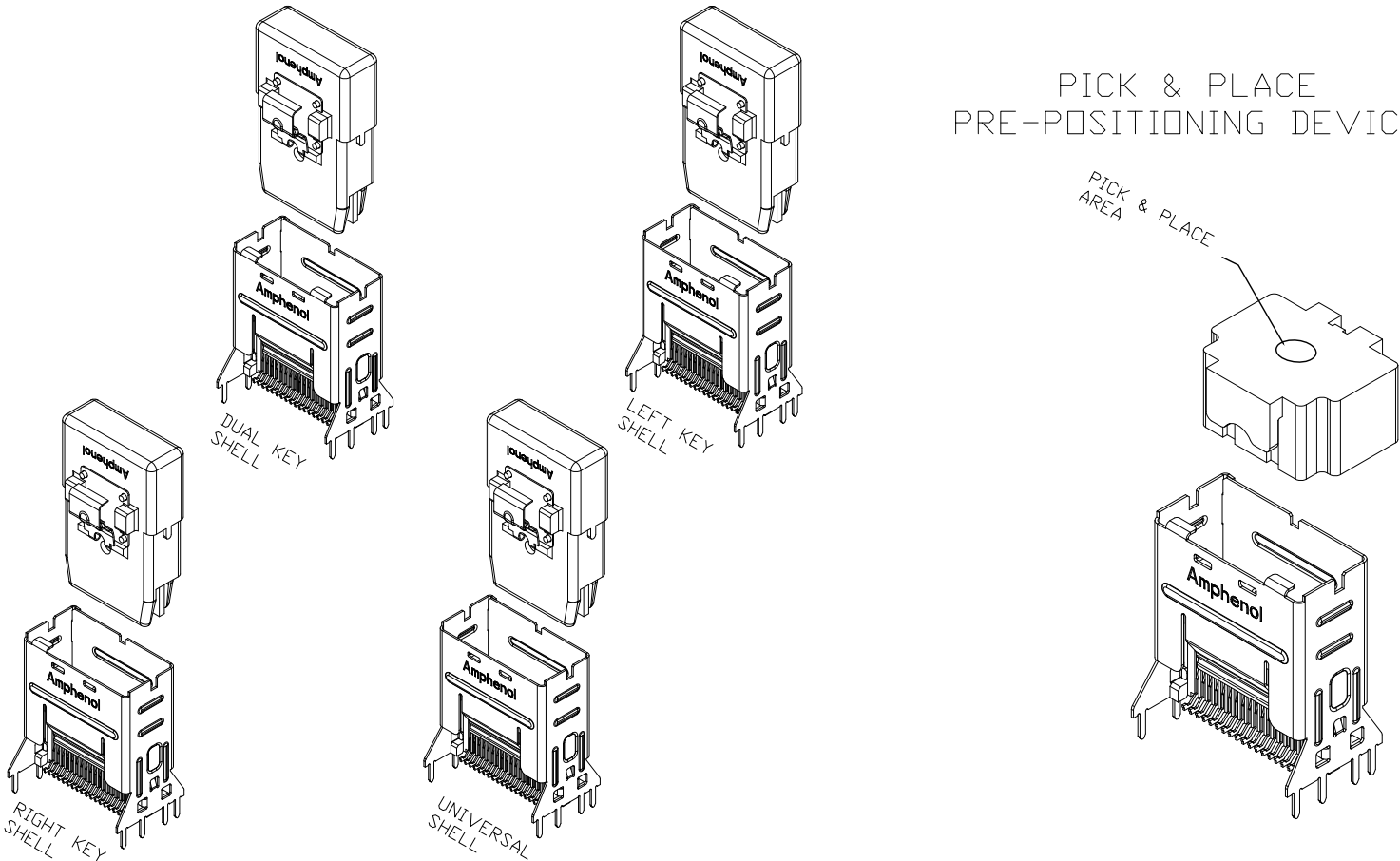
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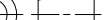
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PICK & PLACE
PRE-POSITIONING DEVICE

PICK & PLACE
AREA

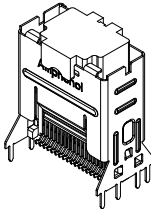




POSITION	RIGHT KEY SHELL	LEFT KEY SHELL	UNIVERSAL SHELL	DUAL KEY SHELL
NO KEY PLUG	NO	NO	YES	NO
LEFT KEY PLUG	NO	YES	YES	NO
RIGHT KEY PLUG	YES	NO	YES	NO
UNIVERSAL PLUG	YES	YES	YES	YES

TOLERANCE		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Penny Wang		01/25/2017	MINI SAS VERTICAL SMT CONN., CAGE DIP TYPE					
		CHECKED Sondra Sang		01/25/2017						
ANGULAR ±1°		APPROVED Hank Hsu		01/25/2017		UNIT mm	SIZE A3	PART No. G40MV 36XXXX EU		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T435		SCALE NA	SHEET 2 OF 4	DWG No. G40MV36XXXXEU		REV. E1

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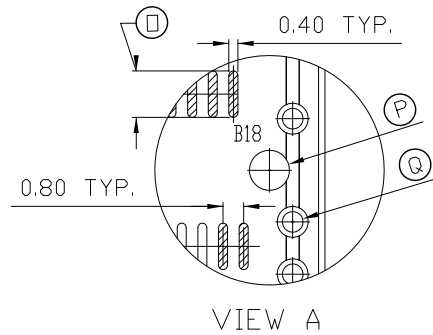
MINI SAS								
Type	Plug or Receptacle	Position	Connector Type	Cage Type	Keying (optional)	Shell Tail (Length)	Plating	P/N
Vertical	 Receptacle	36-pos.	SMT	DIP	Left Key	2.8 mm	15u"	G40MV36X11XEU
							30u"	G40MV36X21XEU
						3.4 mm	15u"	G40MV36X12XEU
							30u"	G40MV36X22XEU
						1.96 mm	15u"	G40MV36X15XEU
							30u"	G40MV36X25XEU
					Right Key	2.8 mm	15u"	G40MV36X11XEU
							30u"	G40MV36X21XEU
						3.4 mm	15u"	G40MV36X12XEU
							30u"	G40MV36X22XEU
						1.96 mm	15u"	G40MV36X15XEU
							30u"	G40MV36X25XEU
					Universal Shell	2.8 mm	15u"	G40MV36X11XEU
							30u"	G40MV36X21XEU
						3.4 mm	15u"	G40MV36X12XEU
							30u"	G40MV36X22XEU
						1.96 mm	15u"	G40MV36X15XEU
							30u"	G40MV36X25XEU
					Dual Key Shell	2.8 mm	15u"	G40MV36X11XEU
							30u"	G40MV36X21XEU
						3.4 mm	15u"	G40MV36X12XEU
							30u"	G40MV36X22XEU
						1.96 mm	15u"	G40MV36X15XEU
							30u"	G40MV36X25XEU

TOLERANCE	DRAWN APPROVALS	DATE	TITLE MINI SAS VERTICAL SMT CONN., CAGE DIP TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED Penny Wang	01/25/2017						
	CHECKED Sondra Sang	01/25/2017						
	APPROVED Hank Hsu	01/25/2017						
ANGULAR ±1°				UNIT mm	SIZE A3	PART No. G40MV 36XXXX EU		
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE T435		SCALE NA	SHEET 3 OF 4	DWG No. G40MV36XXXXEU	REV. E1	

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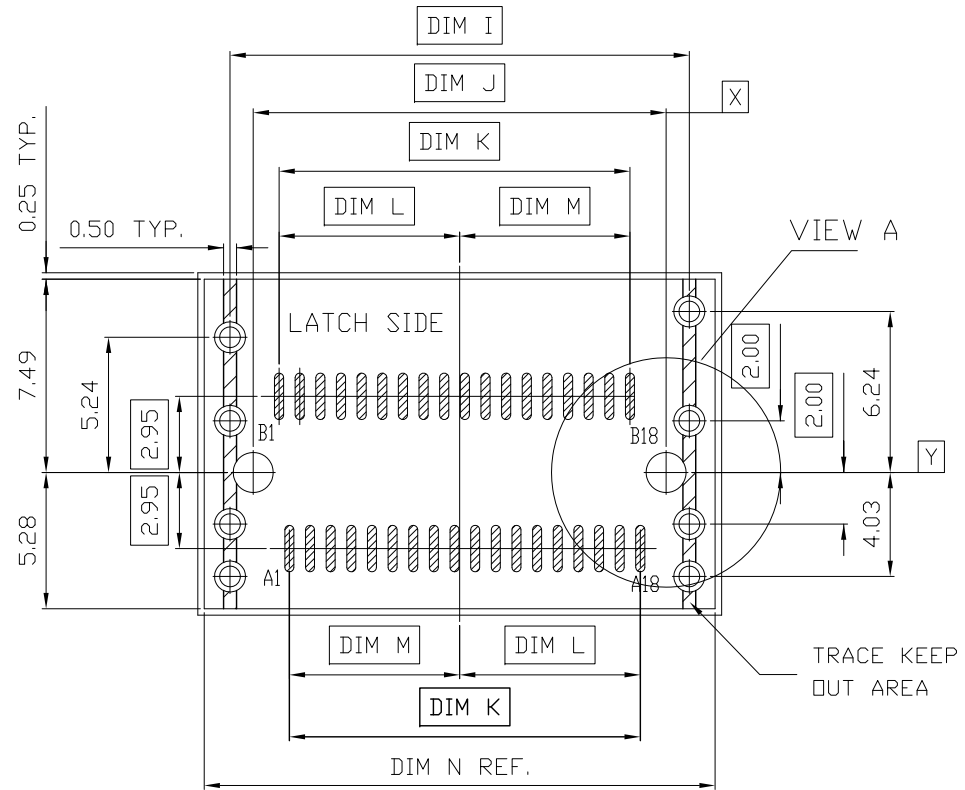
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Pointed	
Dim. ①	1.80±0.03 TYP. $\oplus \ominus \varnothing 0.05 \text{ L X Y}$
Dim. ②	$\varnothing 1.55 \pm 0.05 \text{ (X2)}$ $\oplus \ominus \varnothing 0.05 \text{ L X Y}$
Dim. ③	$\varnothing 0.80 \pm 0.05 \text{ (X8)}$ $\oplus \ominus \varnothing 0.05 \text{ L X Y}$

POSITION	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N
36 PIN	17.80	16.00	13.60	7.00	6.60	20.80



PCB RECOMMEND LAYOUT (TOP VIEW)
(ALL TOLERANCES: ±0.05)

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		CHECKED Sondra Sang		01/25/2017						
		APPROVED Hank Hsu		01/25/2017						
ANGULAR ±1°					UNIT mm	SIZE A3				
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T435	SCALE NA	SHEET 4 OF 4	DWG No. G40MV36XXXXEU		REV. E1	

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[74720-0505](#) [747680210](#) [76.350.0729.0](#) [76871-1403](#) [FCN-244F080-G/1](#) [FCN-260A9920](#) [FCN-268D024-G/2F#10X-R10](#) [PCS-E50FA](#) [PCS-](#)
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