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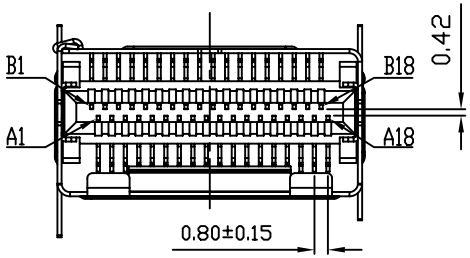
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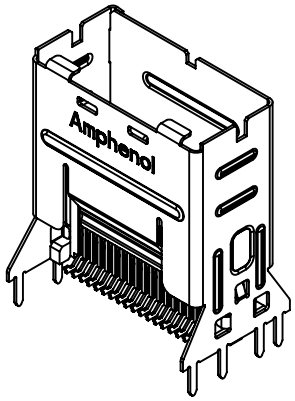
CUSTOMER DRAWING

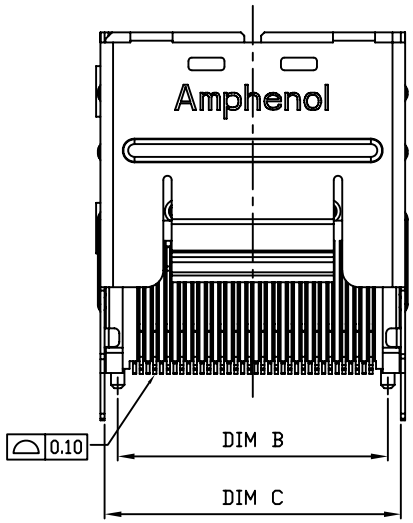
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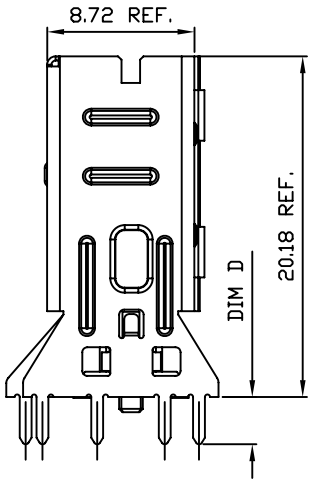
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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		RELEASE TO THE PRODUCTION	08/08/2006	EDWARD WU
B	NE-06299	MODIFY PCB DIM	09/07/2006	EDWARD WU
C	NE-06320	ADD OPTIONS OF CAGE	09/19/2006	EDWARD WU
D	NE-07806	REARRANGE DRAWING	07/10/2007	HANK HSU









NOTE:
1. MATERIAL:
   CONTACT:PHOSPHOR BRONZE
   HOUSING: LCP UL94V-0 RATED, BLACK COLOR
   SHELL: COPPER ALLOY
2. CONTACT FINISH:
   CONTACT AREA: Au 15u" MIN.
   SOLDER AREA : MATT PURE TIN 120u"
   UNDERPLATING: NI 50u"MIN OVERALL.
3. PRODUCT SPEC REFER TO PS-7326
4. PART NUMBER SYSTEM REFER TO PNS-G40M
5. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2002/95/EC/ FOR RoHS

G40M V 36 X X X X XX

- Connector Style — V: Vertical Type
- Contact Pos — 36: 36Pos.
- Key Options — L: Left Key Shell; R: Ringht Key Shell; U: Universal Key Shell; D: Dual Key Shell
- Contact Finisp — 1: Gold 15U"; 2: Gold 30U"
- Cage Type — 1: Dip Type,GND pin length=2.80mm; 2: Dip Type,GND pin length=3.40mm
- Packing Code — A: Tray; B: Tape & Reel
- Environment Code — EU: ROHS

POSITION	DIM A	DIM B	DIM C	DIM D
36 PIN	15.80	16.00	17.55	2.8/3.4

TOLERANCE m/m	
x.	±0.30
x.x	±0.25
x.xx	±0.15
x.xxx	±0.08
ANGULAR	±2°
UNLESS OTHERWISE SPECIFIED	

APPROVALS	DATE
DRAWN DANIEL SHIEH	07/10/2007
CHECKED CHENNY SHIEH	07/10/2007
APPROVED HANK HSU	07/10/2007

UNIT: MM

TITLE: MINI SAS VERTICAL DIP CONNECTOR

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SCALE N.A. | SHEET 1 OF 4

SIZE	PART NO.	FILE NO.	REV.
A4	G40MV36XXXXEU	T435-G40MV36XXXXEU	D

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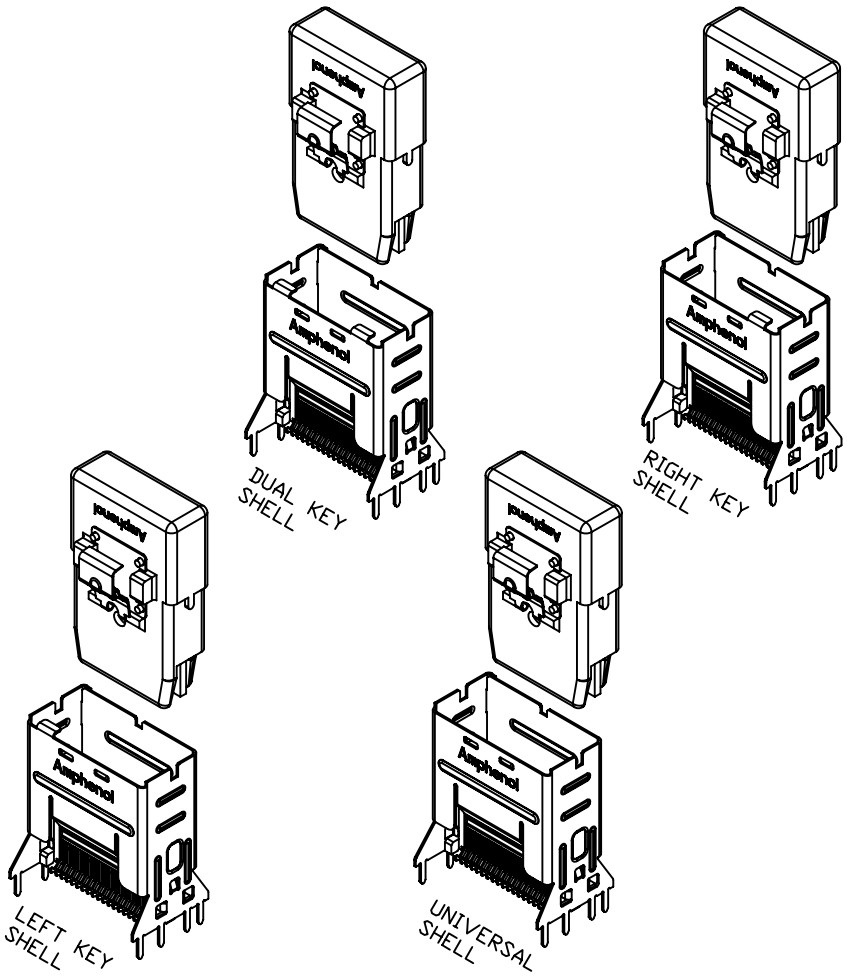
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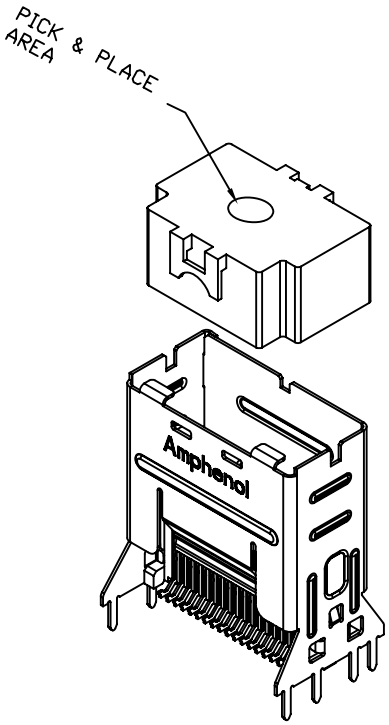
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ORIGINAL

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PICK & PLACE
PRE-POSITIONING DEVICE





POSITION	RIGHT KEY PLUG	LEFT KEY PLUG	UNIVERSAL PLUG	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 m/m	
x.	±0.30
x.x	±0.25
x.xx	±0.15
x.xxx	±0.08
ANGULAR	±2°
UNLESS OTHERWISE SPECIFIED	

APPROVALS		DATE
DRAWN	DANIEL SHIEH	07/10/2007
CHECKED	CHENNY SHIEH	07/10/2007
APPROVED	HANK HSU	07/10/2007

UNIT: MM

TITLE: MINI SAS VERTICAL CAP CONNECTOR

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Amphenol Corporation
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SCALE N.A. | SHEET 2 OF 4

SIZE	PART NO.	FILE NO.	REV.
A4	G40MV36XXXXEU	T435-G40MV36XXXXEU	D

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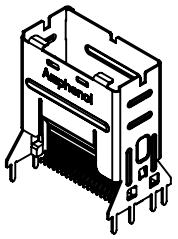
Amphenol Taiwan RoHS Compliant EU 2002/95/EC

CUSTOMER DRAWING
ORIGINAL

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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"	G40MV36L11XEU
							30u"	G40MV36L21XEU
						3.4 mm	15u"	G40MV36L12XEU
							30u"	G40MV36L22XEU
					Right Key	2.8 mm	15u"	G40MV36R11XEU
							30u"	G40MV36R21XEU
						3.4 mm	15u"	G40MV36R12XEU
							30u"	G40MV36R22XEU
					Universal shell No Key Plug	2.8 mm	15u"	G40MV36U11XEU
							30u"	G40MV36U21XEU
						3.4 mm	15u"	G40MV36U12XEU
							30u"	G40MV36U22XEU
					Dual Key Shell Universal Plug	2.8 mm	15u"	G40MV36D11XEU
							30u"	G40MV36D21XEU
						3.4 mm	15u"	G40MV36D12XEU
							30u"	G40MV36D22XEU

TOLERANCE m/m	
x.	±0.30
x.x	±0.25
x.xx	±0.15
x.xxx	±0.08
ANGULAR	±2°
UNLESS OTHERWISE SPECIFIED	

APPROVALS	DATE
DRAWN DANIEL SHIEH	07/10/2007
CHECKED CHENNY SHIEH	07/10/2007
APPROVED HANK HSU	07/10/2007

UNIT MM

TITLE: MINI SAS VERTICAL DIP CONNECTOR

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SCALE N.A. | SHEET 3 OF 4

SIZE	PART NO.	FILE NO.	REV.
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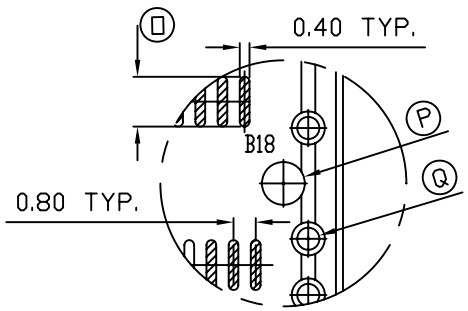
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CUSTOMER DRAWING

ORIGINAL

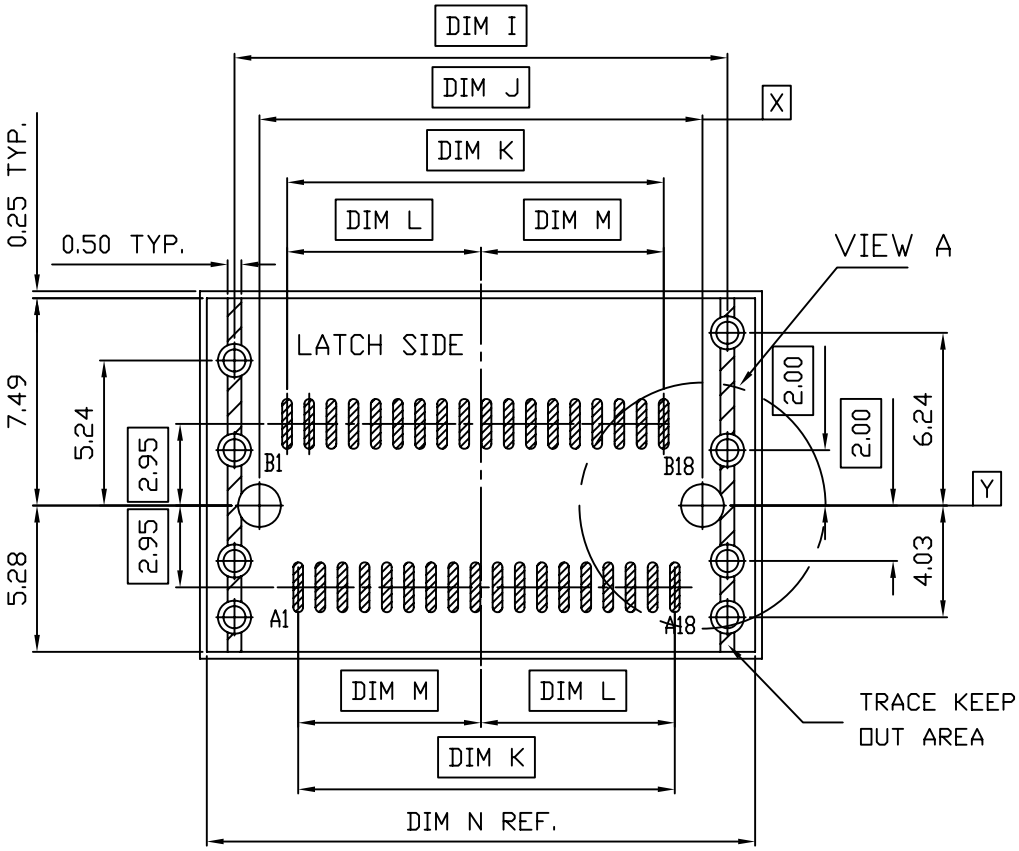
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VIEW A

Pointed		
Dim.Ⓞ	1.80±0.03 TYP.	⌖ Ø0.05 Ⓛ X Y
Dim.Ⓟ	⌀1.55±0.05 (X2)	⌖ Ø0.05 Ⓛ X Y
Dim.Ⓠ	⌀0.80±0.05 (X8)	⌖ Ø0.05 Ⓛ 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

TOLERANCE m/m	
x.	±0.30
x.x	±0.25
x.xx	±0.15
x.xxx	±0.08
ANGULAR	±2°
UNLESS OTHERWISE SPECIFIED	

APPROVALS	DATE
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UNIT: MM

TITLE: MINI SAS VERTICAL DIP CONNECTOR

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