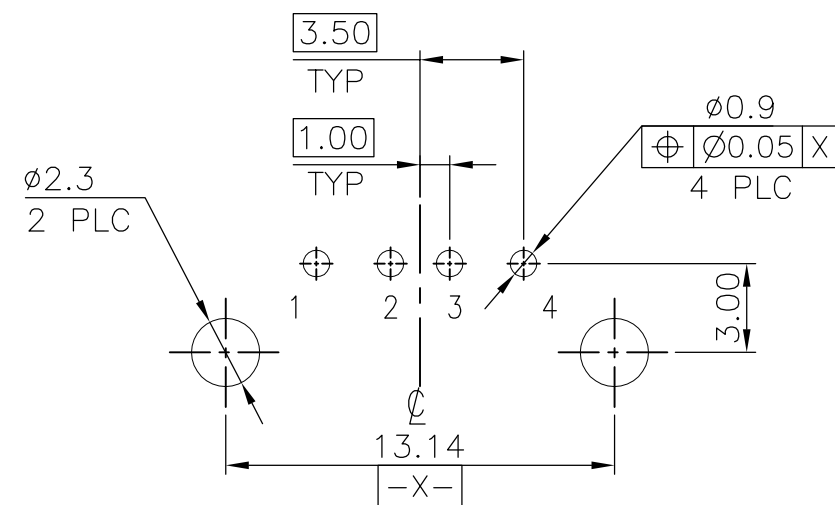
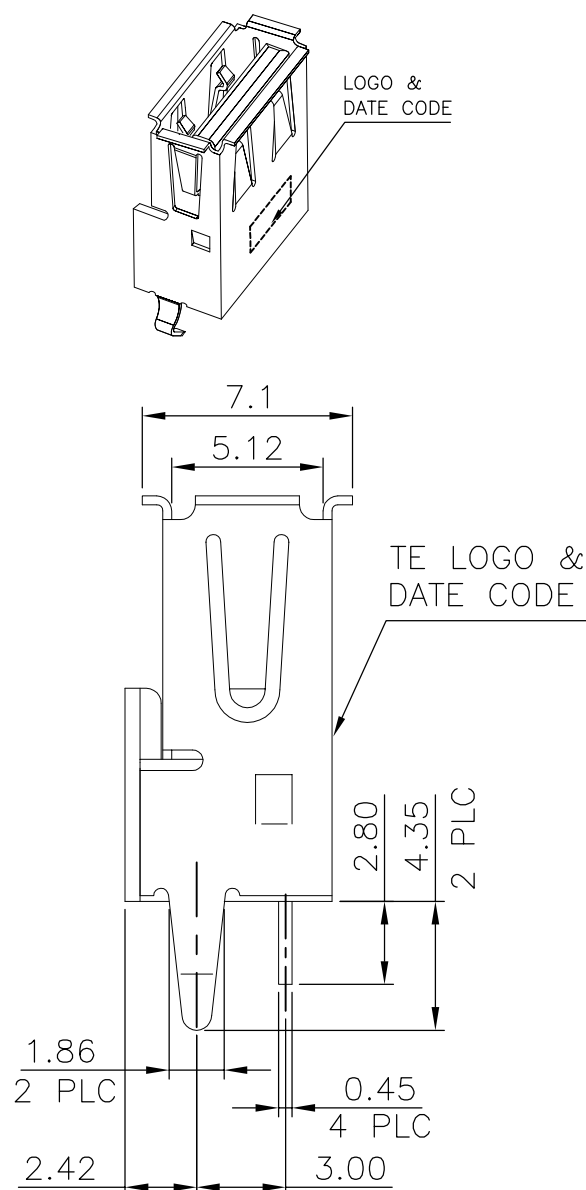
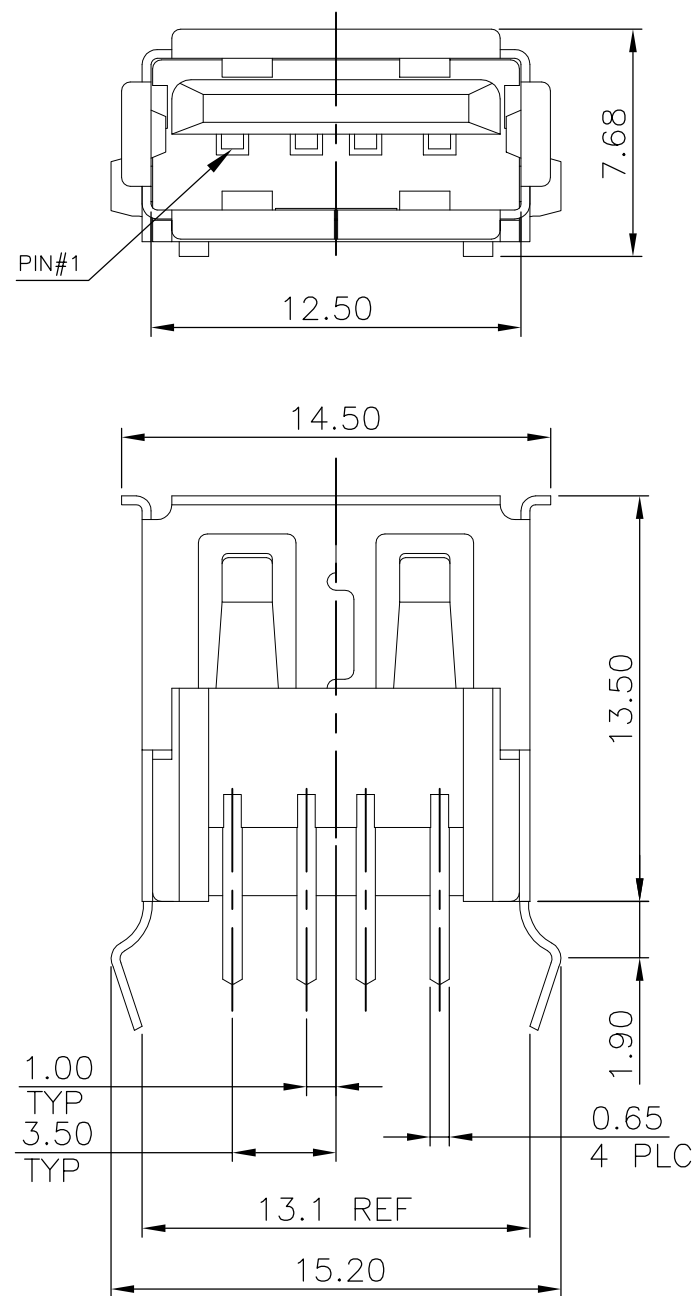
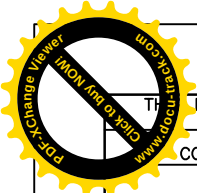
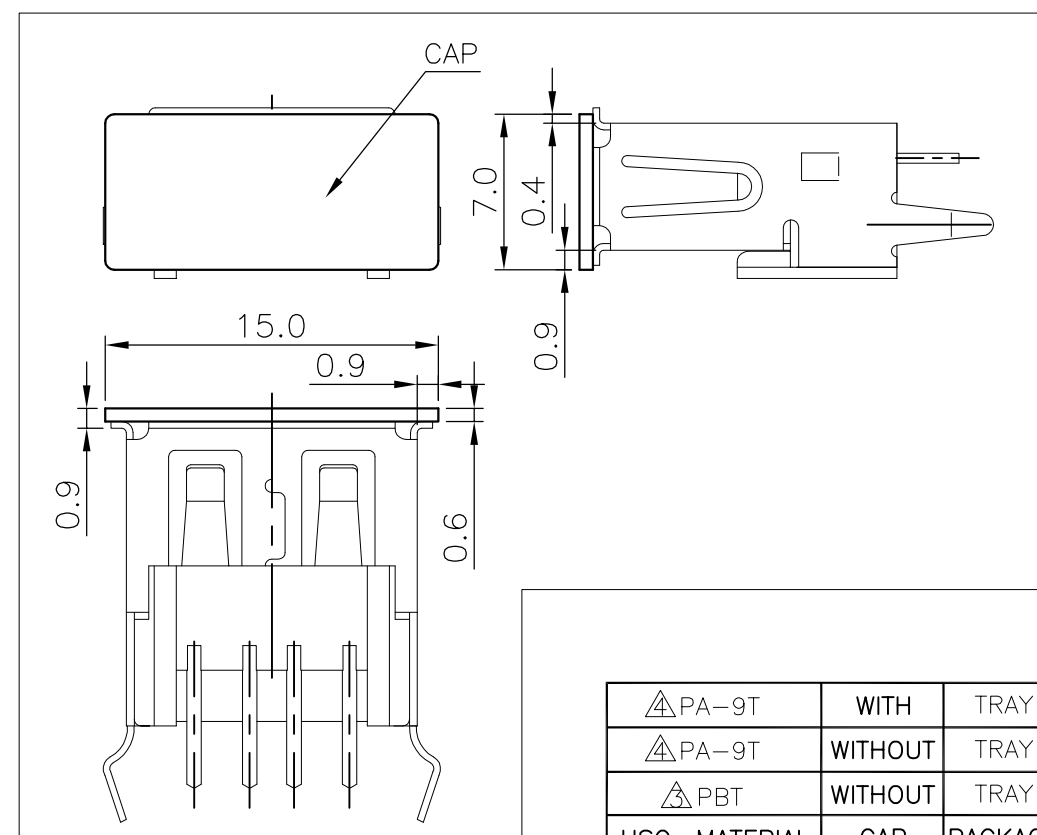


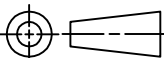


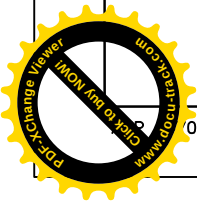
RECOMMEND P.C.B LAYOUT (THICKNESS=1.6mm)
(COMPONENT SIDE) TOLERANCE±0.05

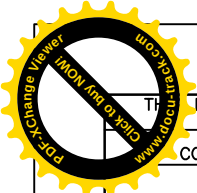


NOTES:

- MATERIAL:
HOUSING: THERMOPLASTIC (SEE TABLE), WITH 30% GF.
UL 94V-0 RATED, BLACK COLOR.
CAP: THERMOPLASTIC HIGH TEMP WITH 30%GF, UL 94V-0, WHITE COLOR.
CONTACT: PHOSPHOR BRONZE.
SHIELD: BRASS.
- FINISH :
CONTACT: 0.762μm [30μ"] MIN. GOLD PLATING ON CONTACT AREA.
3.048μm [120μ"] MIN. MATTE-TIN PLATING ON SOLDERTAILS.
WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL
SHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING WITH
0.762μm [30μ"] MIN. Cu UNDERPLATING OVERALL
- WAVE SOLDER CAPABLE TO 240°C PER TE TEST SPEC. 109-202, CONDITION A.
- REFLOW SOLDER CAPABLE TO 260°C PER TE TEST SPEC. 109-201, CONDITION B.
- TID NUMBER IS 61000806 FOR USB 2.0 SPEC.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN O. HU 18MAR2005		TE Connectivity			
		CHK S. HOU 18MAR2005					
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.J. KE 18MAR2005		NAME	
		0 PLC ± -		PRODUCT SPEC		USB CONNECTOR, A SERIES, VERTICAL, DIP TYPE	
		1 PLC ± 0.35		108-57549			
		2 PLC ± 0.25		APPLICATION SPEC			
		3 PLC ± 0.15		501-57638			
4 PLC ± -		ANGLES ± 3°		WEIGHT		RESTRICTED TO	
MATERIAL		FINISH		1.70 GRAMS		—	
SEE NOTE		SEE NOTE		CUSTOMER DRAWING		SCALE	
						SHEET	
						1 OF 9	
						REV	
						D2	





4

3

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1

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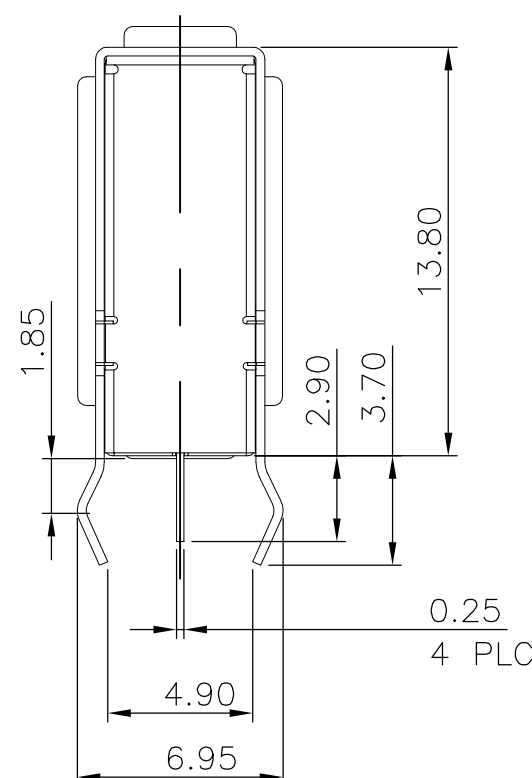
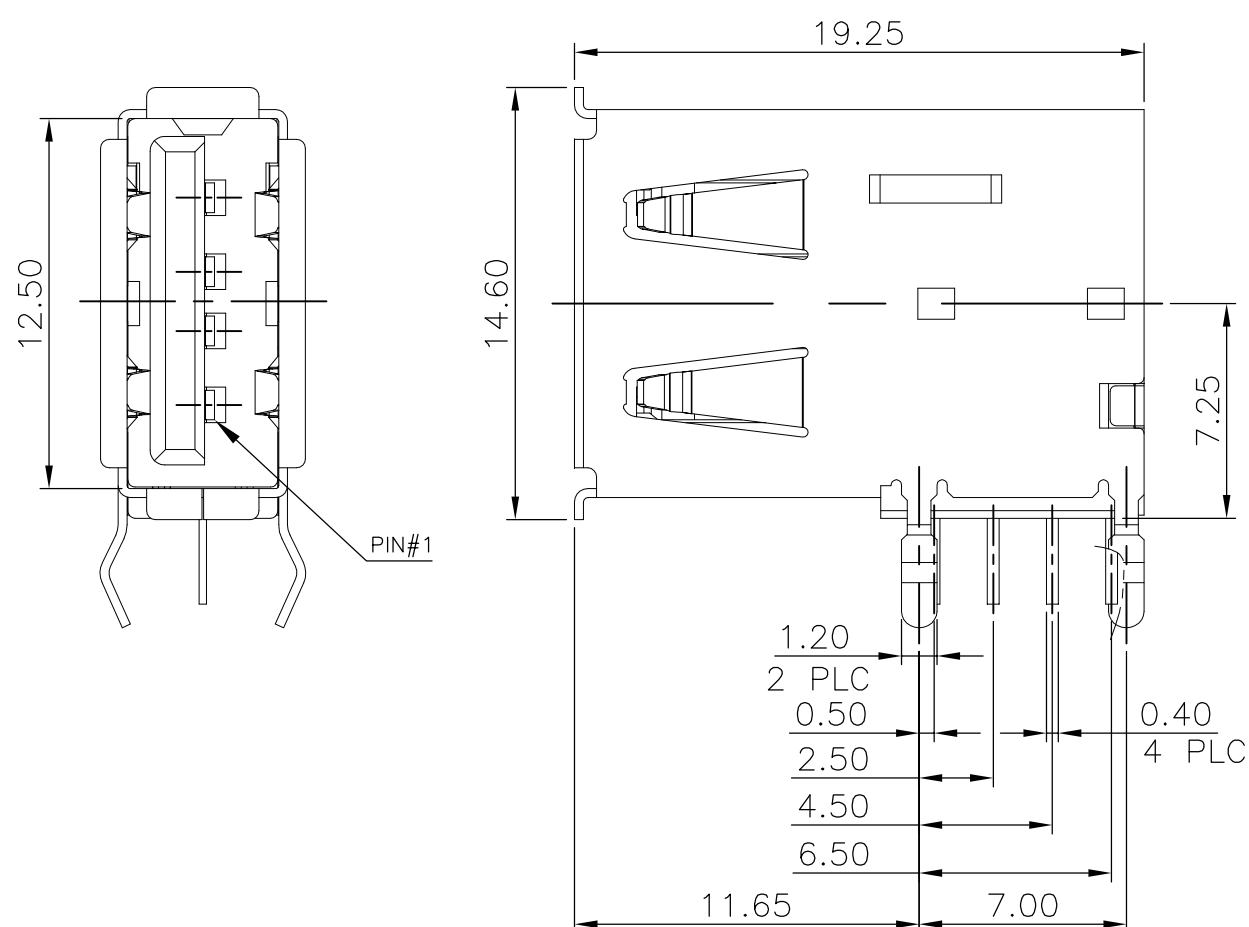
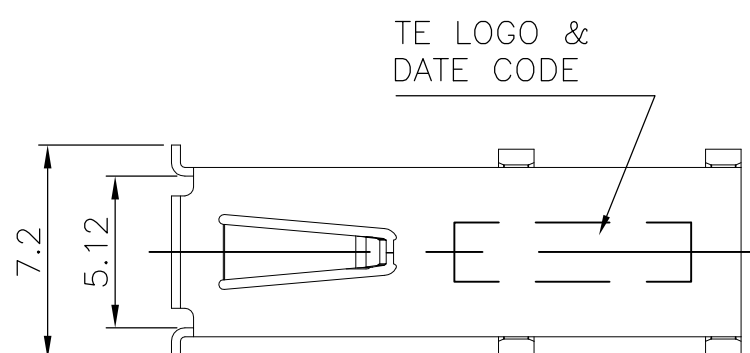
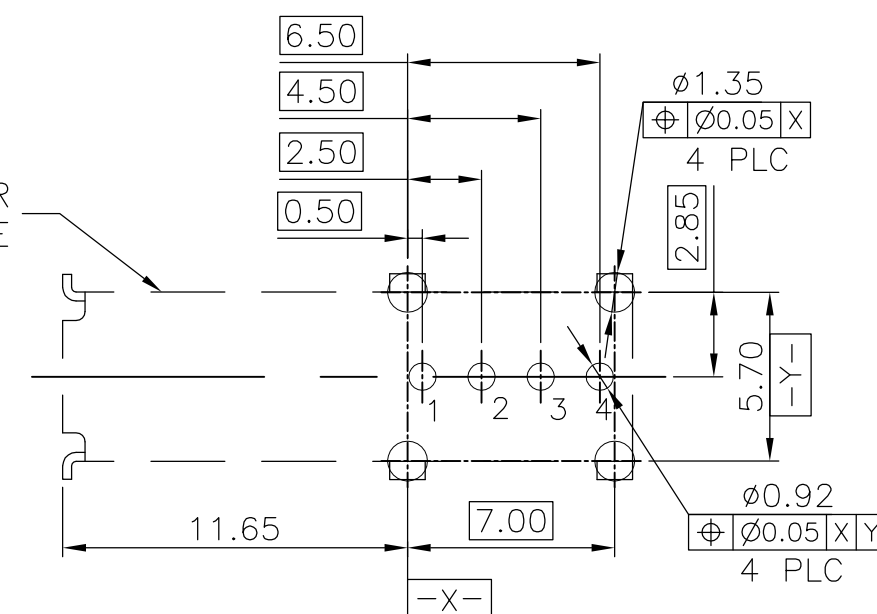
DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

CONNECTOR
PROFILERECOMMEND P.C.B LAYOUT (THICKNESS 1.6mm)
(COMPONENT SIDE) TOLERANCE±0.05

NOTES :

1. MATERIAL:

HOUSING: THERMOPLASTIC (SEE TABLE), WITH 30% GF.

UL94V-0 RATED, BLACK COLOR

CONTACTS: PHOSPHOR BRONZE.

SHIELD: BRASS.

REAR SHIELD: SPCC.

2. FINISH:

CONTACT: 0.762μm [30μ"] MIN. GOLD PLATING ON CONTACT AREA
3.048μm [120μ"] MIN. BRIGHT TIN PLATING ON SOLDER TAILS
WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN.
NICKELSHIELD: 0.762μm [30μ"] MIN. NICKEL PLATING WITH
0.762μm [30μ"] MIN. Cu UNDERPLATING OVERALL③ WAVE SOLDER CAPABLE TO 240°C PER TE TEST
SPEC. 109-202, CONDITION A.④ REFLOW SOLDER CAPABLE TO 260°C PER TE TEST
SPEC. 109-201, CONDITION B.

5. TID NUMBER IS 61000806 FOR USB 2.0 SPEC.

⑥ LOW HALOGEN SPECIFICATION:

CHLORINE(Cl): 900ppm MAX.

BROMINE(Br): 900ppm MAX.

OBSOLETE	③ LCP	TRAY	1-1734085-3
OBSOLETE	③ PA-9T	TRAY	1-1734085-2
OBSOLETE	③ PBT	TRAY	1-1734085-1
HSG. MATERIAL		PACKAGE	PART NUMBER

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DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 2.8 GRAMS

CUSTOMER DRAWING



TE Connectivity

NAME

USB CONNECTOR,
A SERIES, VERTICAL, DIP TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

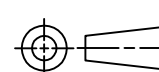
A300779C=1734085

SCALE

SHEET

2 OF 9

REV D2

DIMENSIONS:
MM

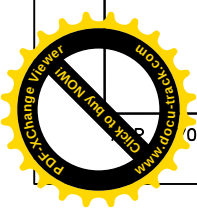
MATERIAL

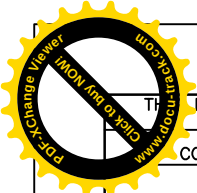
SEE NOTE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC ± -
1 PLC ± 0.35
2 PLC ± 0.25
3 PLC ± 0.15
4 PLC ± -
ANGLES ± 3°

FINISH

SEE NOTE





4

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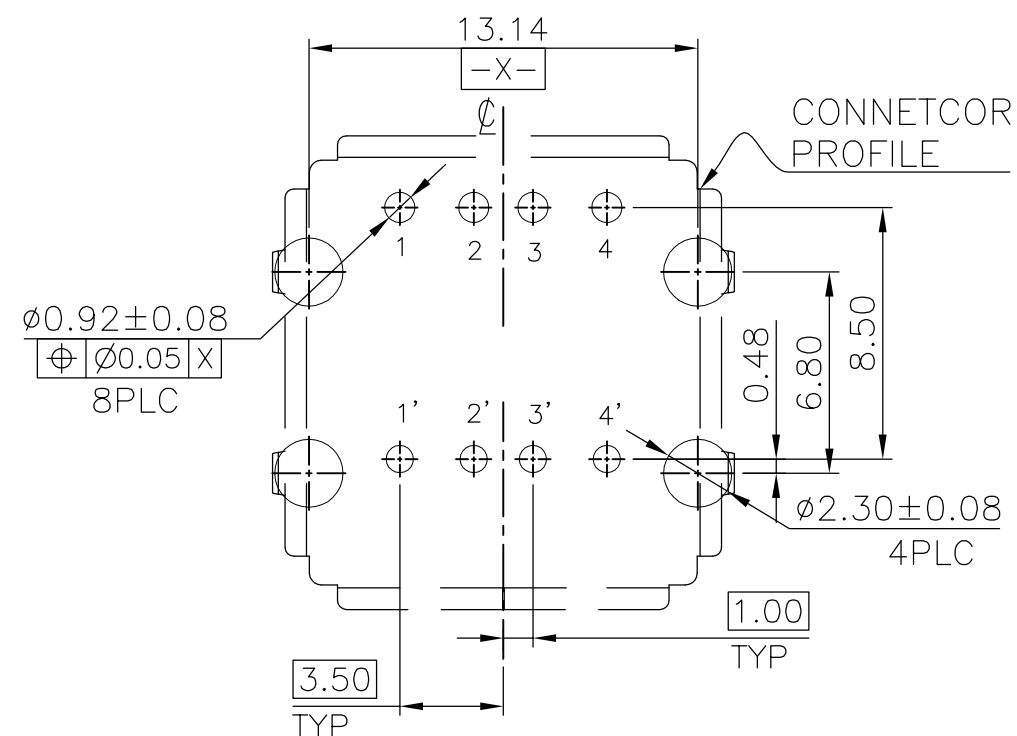
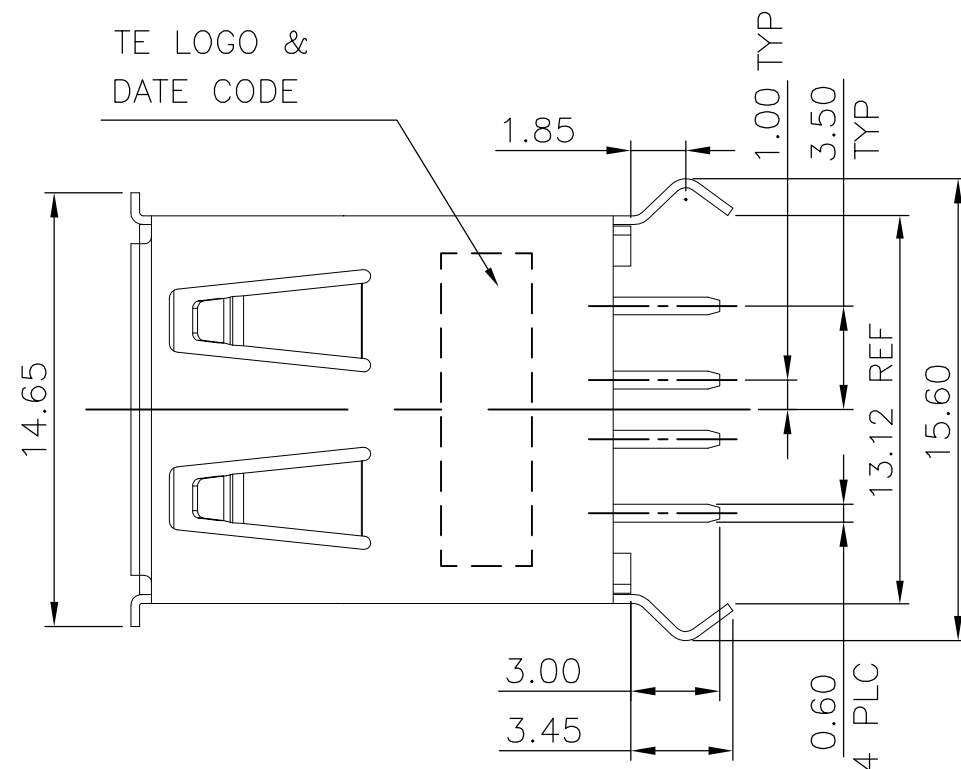
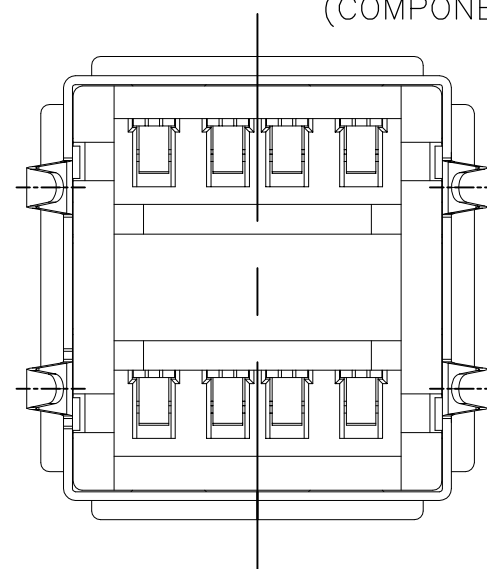
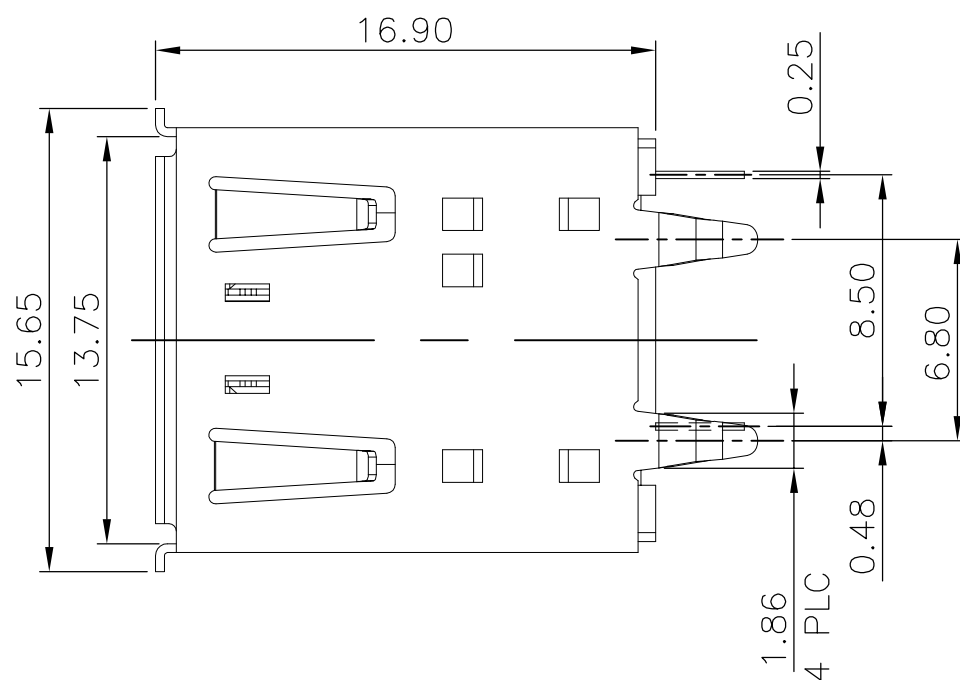
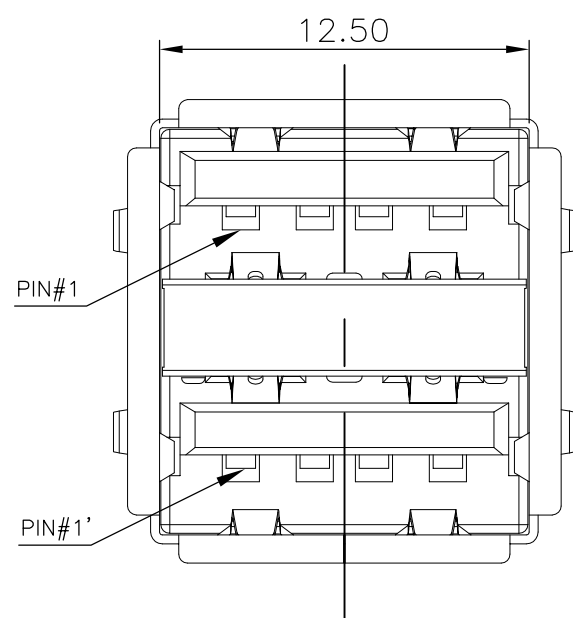
DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

TE LOGO &
DATE CODERECOMMEND P.C.B LAYOUT (THICKNESS 1.6mm)
(COMPONENT SIDE) TOLERANCE±0.05mm

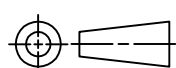
NOTES:

- MATERIAL:
HOUSING: THERMOPLASTIC (SEE TABLE), WITH 30% GF.
UL 94V-0 RATED, BLACK COLOR
CONTACT: BRASS.
SHIELD: BRASS.
- FINISH :
CONTACT: 0.762µm [30µ"] MIN. GOLD PLATING ON CONTACT AREA.
3.048µm [120µ"] MIN. BRIGHT TIN PLATING ON SOLDER TAILS
WITH ENTIRE CONTACT UNDERPLATED 1.27µm [50µ"] MIN.

NICKEL

- SHIELD: 0.762µm [30µ"] MIN. NICKEL PLATING WITH
0.762µm [30µ"] MIN. Cu UNDERPLATING OVERALL
- ③ WAVE SOLDER CAPABLE TO 240°C PER TE TEST SPEC.
109-202, CONDITION A.
- ④ REFLOW SOLDER CAPABLE TO 260°C PER TE TEST SPEC. 109-201,
CONDITION B.
5. TID NUMBER IS 61000806 FOR USB 2.0 SPEC.

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DIMENSIONS:
MM

MATERIAL

SEE NOTE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± 0.35
2 PLC	± 0.25
3 PLC	± 0.15
4 PLC	± -
ANGLES	± 3°

FINISH

SEE NOTE

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 4.57 GRAMS

CUSTOMER DRAWING

OBSOLETE	△ PA-9T	TRAY	2-1734085-2
OBSOLETE	△ PBT	TRAY	2-1734085-1
HSG. MATERIAL		PACKAGE	PART NUMBER



TE Connectivity

NAME

USB CONNECTOR,
A SERIES, VERTICAL, DIP TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C=1734085

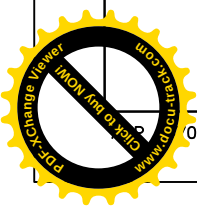
SCALE

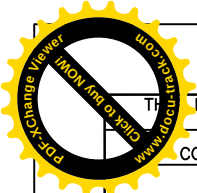
SHEET

3 OF 9

REV

D2





4

3

2

1

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LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

NOTES:

1. MATERIAL:

HOUSING: THERMOPLASTIC (SEE TABLE), WITH 30% GF.
UL 94V-0 RATED, BLACK COLOR

CONTACT: PHOSPHOR BRONZE.

SHIELD: BRASS.

2. FINISH:

CONTACT: $0.762\mu\text{m}$ [30μ] MIN. GOLD PLATING ON CONTACT AREA. $3.048\mu\text{m}$ [120μ] MIN. BRIGHT TIN PLATING ON
SOLDERTAILS WITH ENTIRE CONTACT UNDERPLATED $1.27\mu\text{m}$ [50μ] MIN. NICKELSHIELD: $0.762\mu\text{m}$ [30μ] MIN. NICKEL PLATING WITH $0.762\mu\text{m}$ [30μ] MIN. Cu UNDER PLATING OVERALL⚠ WAVE SOLDER CAPABLE TO 240°C PER TE TEST SPEC.
109-202, CONDITION A.⚠ REFLOW SOLDER CAPABLE TO 260°C PER TE TEST SPEC.
109-201, CONDITION B.

5. TID NUMBER IS 61000806 FOR USB 2.0 SPEC.

D

3.50
TYP
1.00
TYP
0.60
4 PLCTE LOGO &
DATE CODE

14.50

12.50

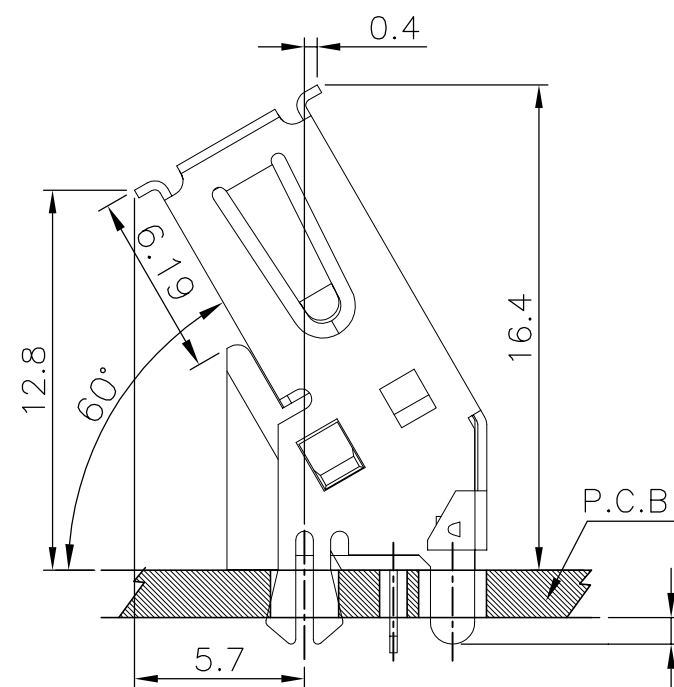
PIN#1

12.80

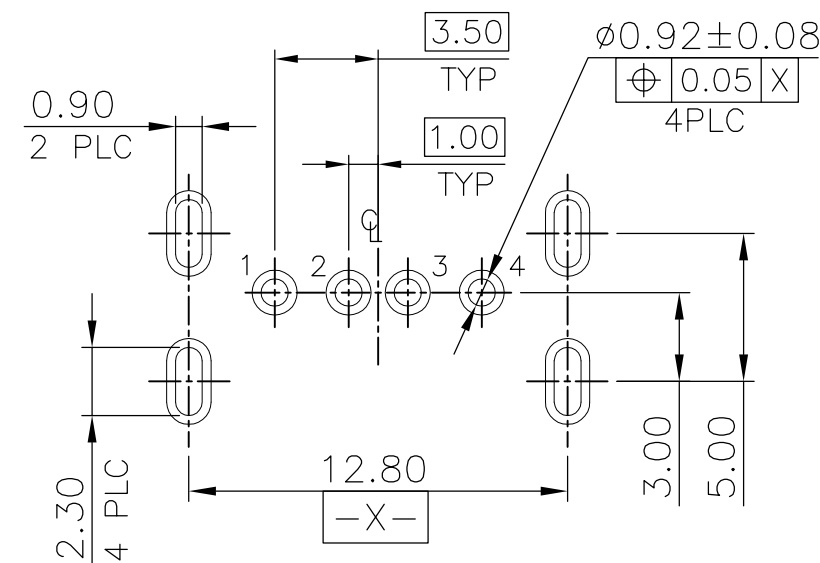
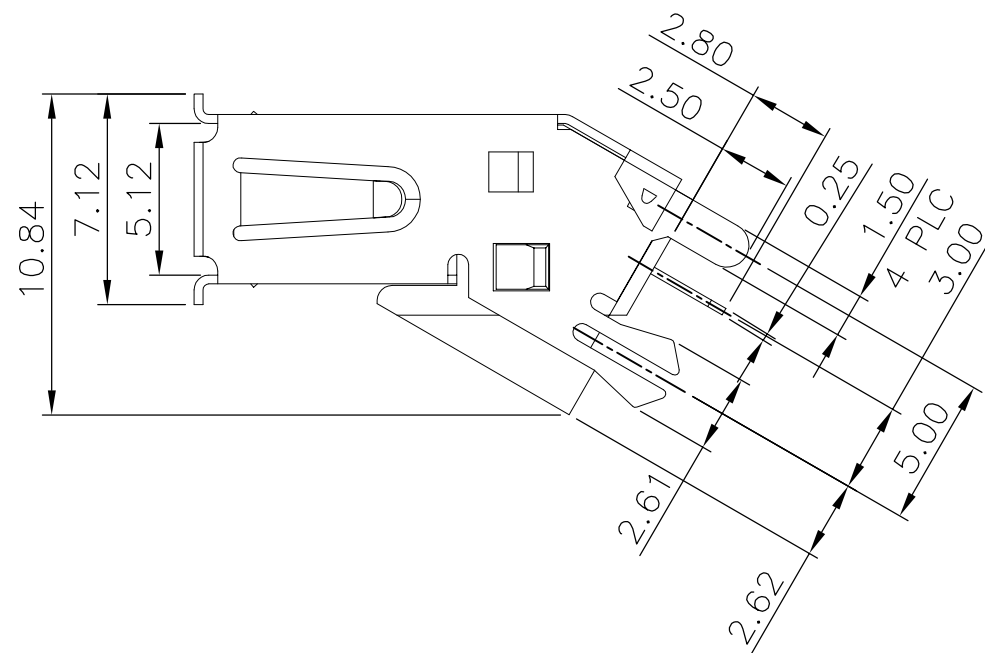
C

B

A



RECOMMEND MOUNT DIMENSION



RECOMMEND P.C.B LAYOUT (THICKNESS 1.6mm)

(COMPONENT SIDE) TOLERANCE $\pm 0.05\text{mm}$

OBSOLETED	⚠ PA-9T	TRAY	3-1734085-2
OBSOLETED	⚠ PBT	TRAY	3-1734085-1
HSG. MATERIAL		PACKAGE	PART NUMBER

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DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 2.16 GRAMS

CUSTOMER DRAWING



TE Connectivity

NAME

USB CONNECTOR,
A SERIES, VERTICAL, DIP TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779C-1734085

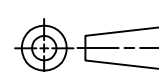
SCALE

SHEET

4 OF 9

REV

D2

DIMENSIONS:
MM

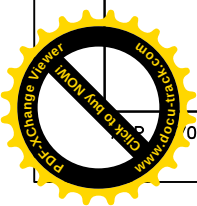
MATERIAL

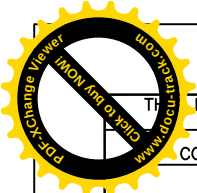
SEE NOTE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC $\pm -$
1 PLC ± 0.35
2 PLC ± 0.25
3 PLC ± 0.15
4 PLC $\pm -$
ANGLES $\pm 3^\circ$

FINISH

SEE NOTE





4

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LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

NOTES:

1. MATERIAL:

HOUSING: THERMOPLASTIC (SEE TABLE), WITH 30% GF.
UL 94V-0 RATED, BLACK: SEE TABLE.

CONTACT: PHOSPHOR BRONZE.

SHIELD: BRASS.

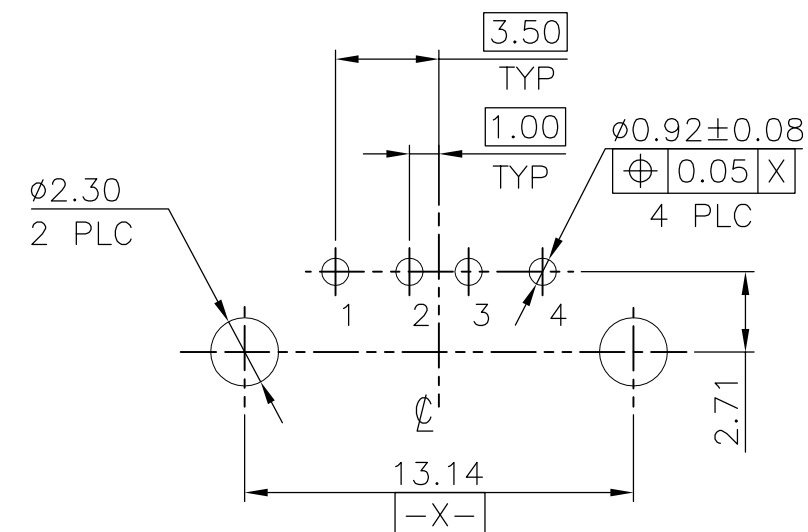
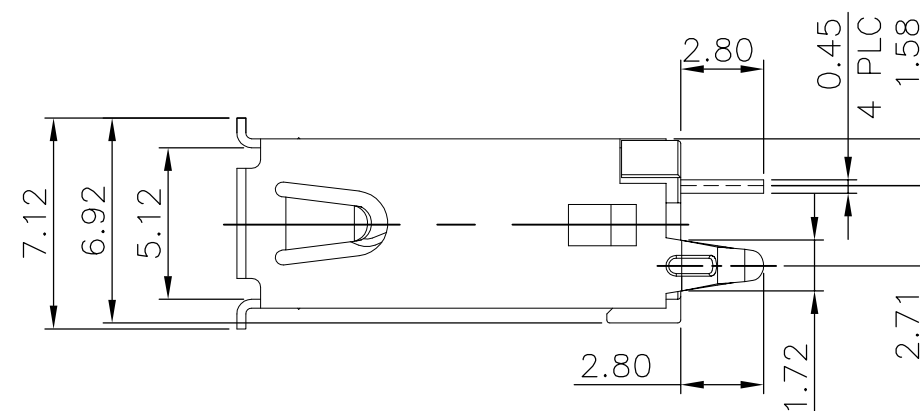
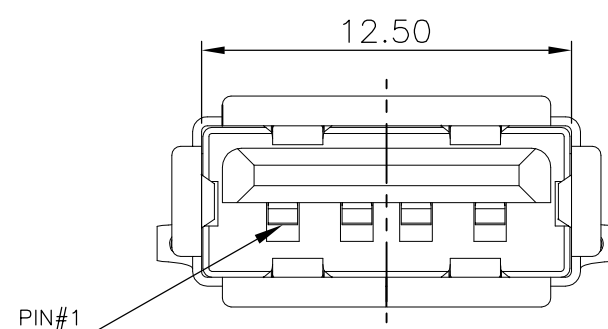
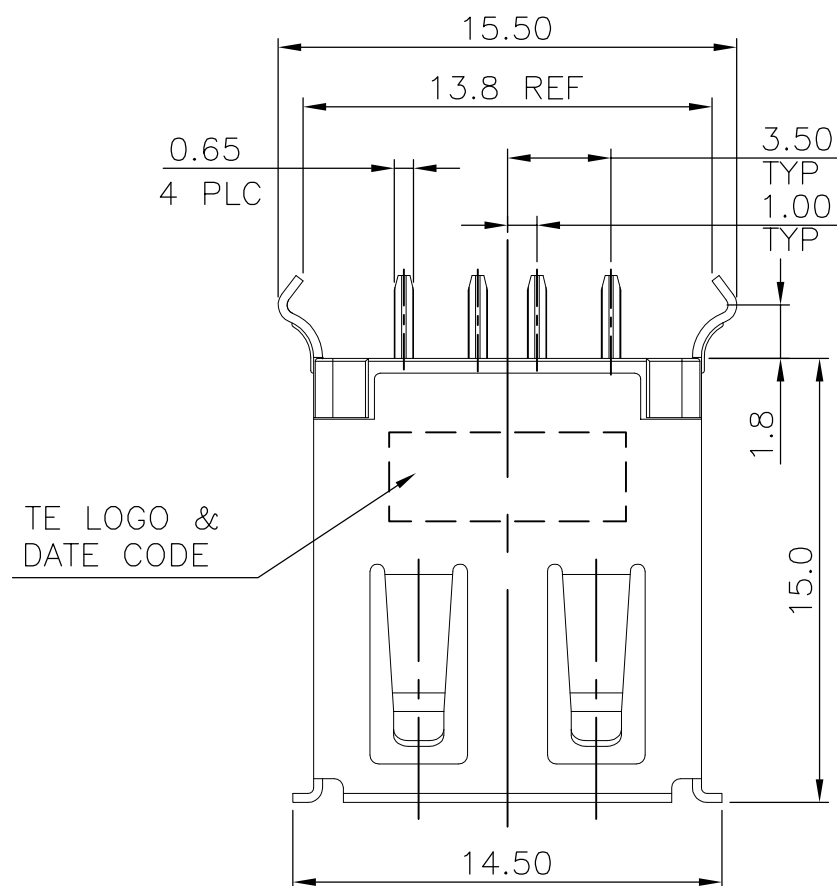
2. FINISH :

CONTACT: $0.762\mu\text{m}$ [30μ] MIN. GOLD PLATING ON CONTACT AREA.3.048 μm [120μ] MIN. BRIGHT TIN PLATING ON SOLDER TAILSWITH ENTIRE CONTACT UNDERPLATED $1.27\mu\text{m}$ [50μ] MIN. NICKEL.SHIELD: $0.762\mu\text{m}$ [30μ] MIN. NICKEL PLATING WITH $0.762\mu\text{m}$ [30μ] MIN. Cu UNDER PLATING OVERALL

△ WAVE SOLDER CAPABLE TO 240°C PER TE TEST SPEC. 109-202, CONDITION A.

△ REFLOW SOLDER CAPABLE TO 260°C PER TE TEST SPEC. 109-201, CONDITION B.

5. TID NUMBER IS 61000806 FOR USB 2.0 SPEC.



RECOMMEND P.C.B LAYOUT (THICKNESS 1.6mm)

(COMPONENT SIDE) TOLERANCE $\pm 0.05\text{mm}$

NATURE	△ PA-9T	TRAY	4-1734085-2
WHITE	△ PBT	TRAY	4-1734085-1
HSG. COLOR	HSG. MATERIAL	PACKAGE	PART NUMBER

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DWN

DIMENSIONS:

MM

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC $\pm -$
1 PLC ± 0.35
2 PLC ± 0.25
3 PLC ± 0.15
4 PLC $\pm -$
ANGLES $\pm 3^\circ$

MATERIAL

SEE NOTE

FINISH

SEE NOTE

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

1.70 GRAMS

CUSTOMER DRAWING



TE Connectivity

NAME

USB CONNECTOR,
A SERIES, VERTICAL, DIP TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C=1734085

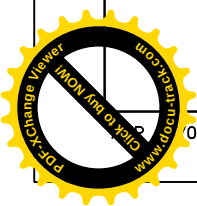
SCALE

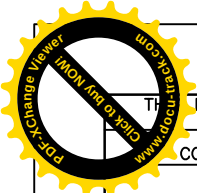
SHEET

5 OF 9

REV

D2





4

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DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

TRAY

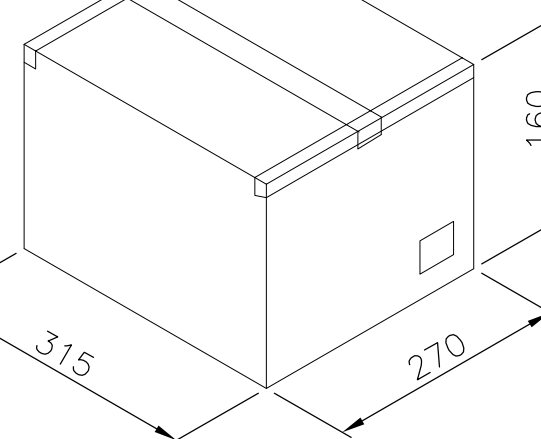
POLYLONE

PE POLY

CARTON

LABEL

USB



2.89 Kg

1.70 Kg

100

10

1000 PCS

1-1734085-X

1734085-2

1734085-1

GROSS
WEIGHTNET
WEIGHT

PCS/TRAY

TRAYS
/CARTON

QUANTITY

PART NUMBER

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DWN

CHK

APVD

PRODUCT SPEC

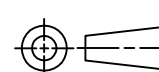
APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:

MM



MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

TE Connectivity

NAME

USB CONNECTOR,
A SERIES, VERTICAL, DIP TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779C=1734085

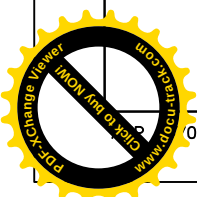
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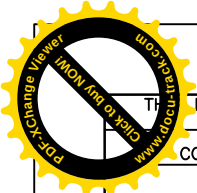
SHEET

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REV

D2





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DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

D

D

C

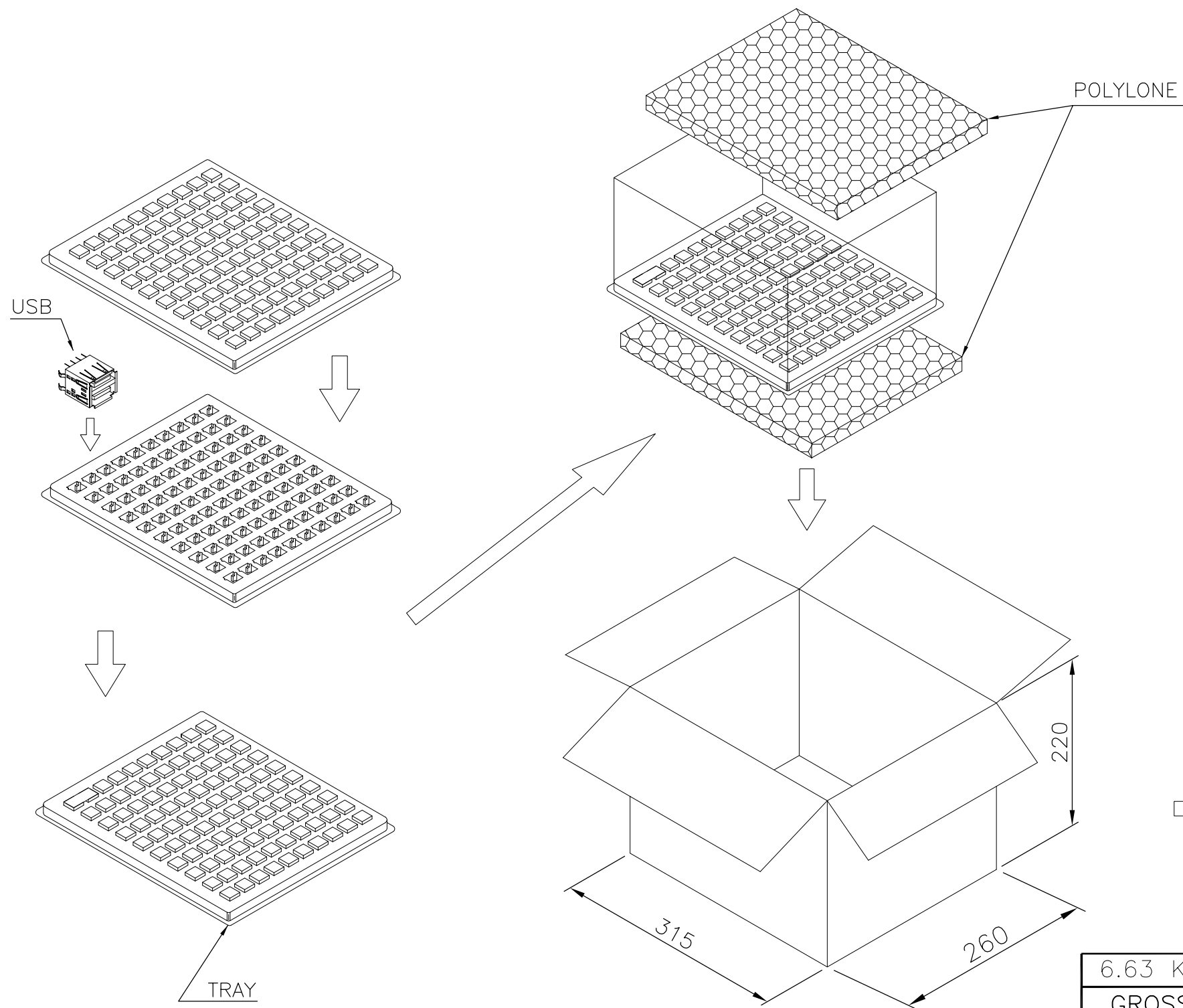
C

B

B

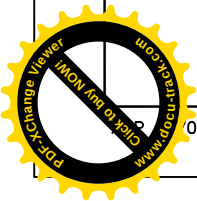
A

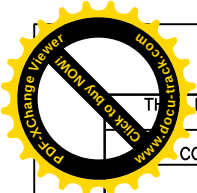
A



6.63 Kg	4.57 Kg	100	10	1000 PCS	2-1734085-X
GROSS WEIGHT	NET WEIGHT	PCS/TRAY	TRAYS /CARTON	QUANTITY	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		TE Connectivity	
DIMENSIONS: MM		CHK			
		APVD			
		NAME			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		USB CONNECTOR, A SERIES, VERTICAL, DIP TYPE	
0 PLC ± -		APPLICATION SPEC			
1 PLC ± -		WEIGHT -		SIZE	
2 PLC ± -		CUSTOMER DRAWING		CAGE CODE	
3 PLC ± -		SCALE -		DRAWING NO	
4 PLC ± -		SHEET 7 OF 9		RESTRICTED TO	
ANGLES ± -		REV D2			
FINISH					
MATERIAL					





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P

LTR

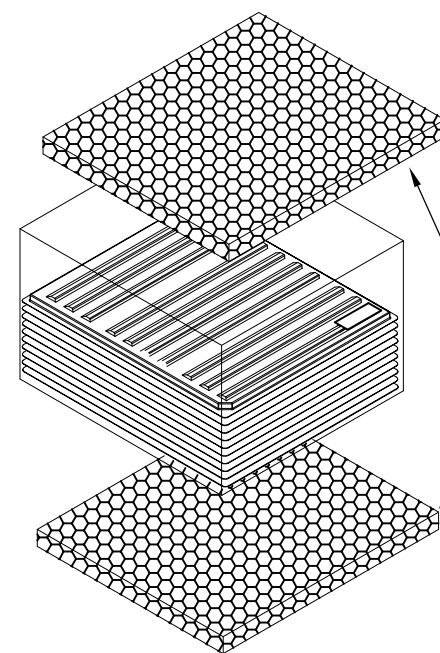
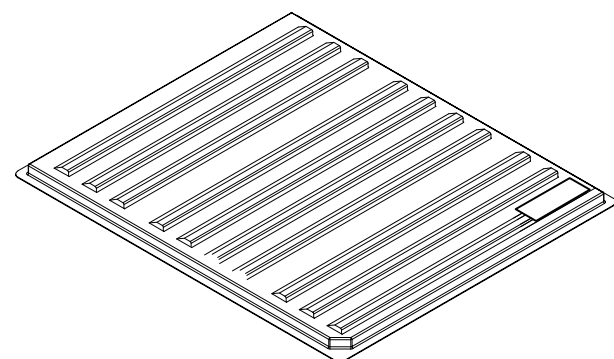
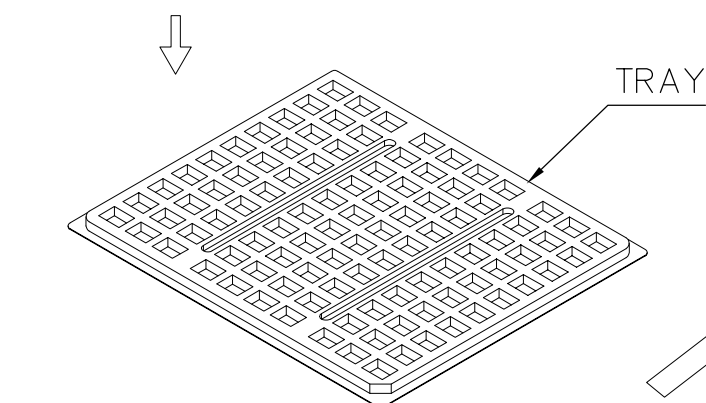
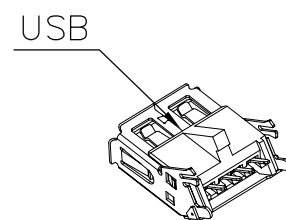
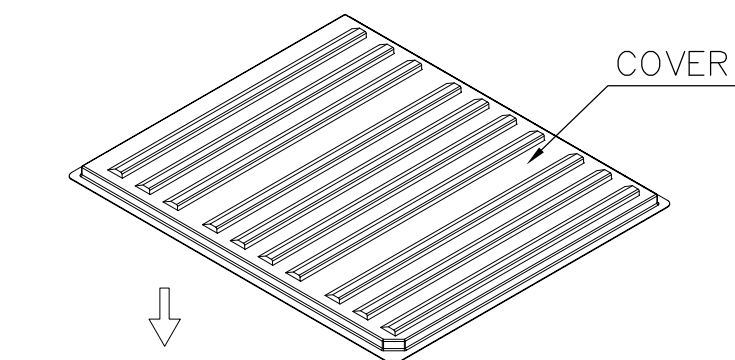
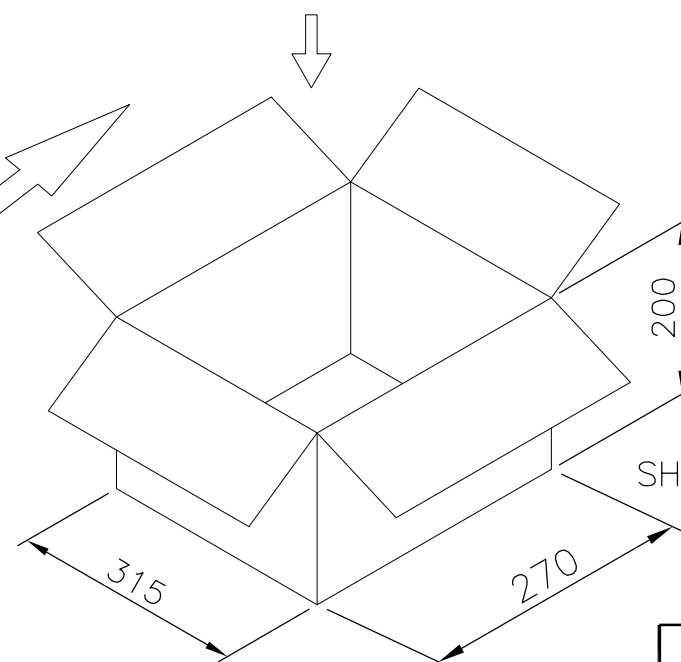
DESCRIPTION

DATE

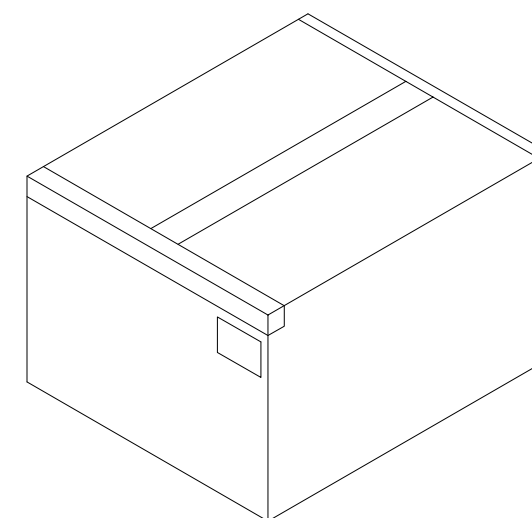
DWN

APVD

SEE SHEET 1.

POLYSTYRENE
2PCS/SHIPPING CARTON

SHIPPING CARTON



3.35 Kg

2.16 Kg

100

10

1000 PCS

4-1734085-X
3-1734085-XGROSS
WEIGHTNET
WEIGHT

PCS/TRAY

TRAYS
/CARTON

QUANTITY

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity

NAME

USB CONNECTOR,
A SERIES, VERTICAL, DIP TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C=1734085

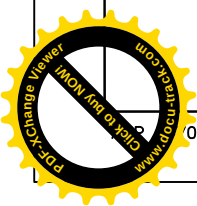
SCALE

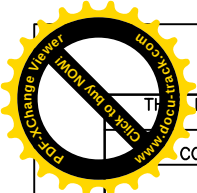
SHEET

8 OF 9

REV

D2





4

3

2

1

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LOC

DIST

REVISIONS

DW

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

TRAY

POLYLONE

PE POLY

LABEL

CARTON

USB

160

315

270

2.04 Kg

1.85 Kg

100

10

1000 PCS

1734085-3

GROSS
WEIGHTNET
WEIGHT

PCS/TRAY

TRAYS
/CARTON

QUANTITY

PART NUMBER

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DWN

CHK

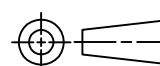
APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:
MMTOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

MATERIAL



TE Connectivity

NAME

USB CONNECTOR,
A SERIES, VERTICAL, DIP TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779C=1734085

SCALE

SHEET

9 of 9

REV

D2

