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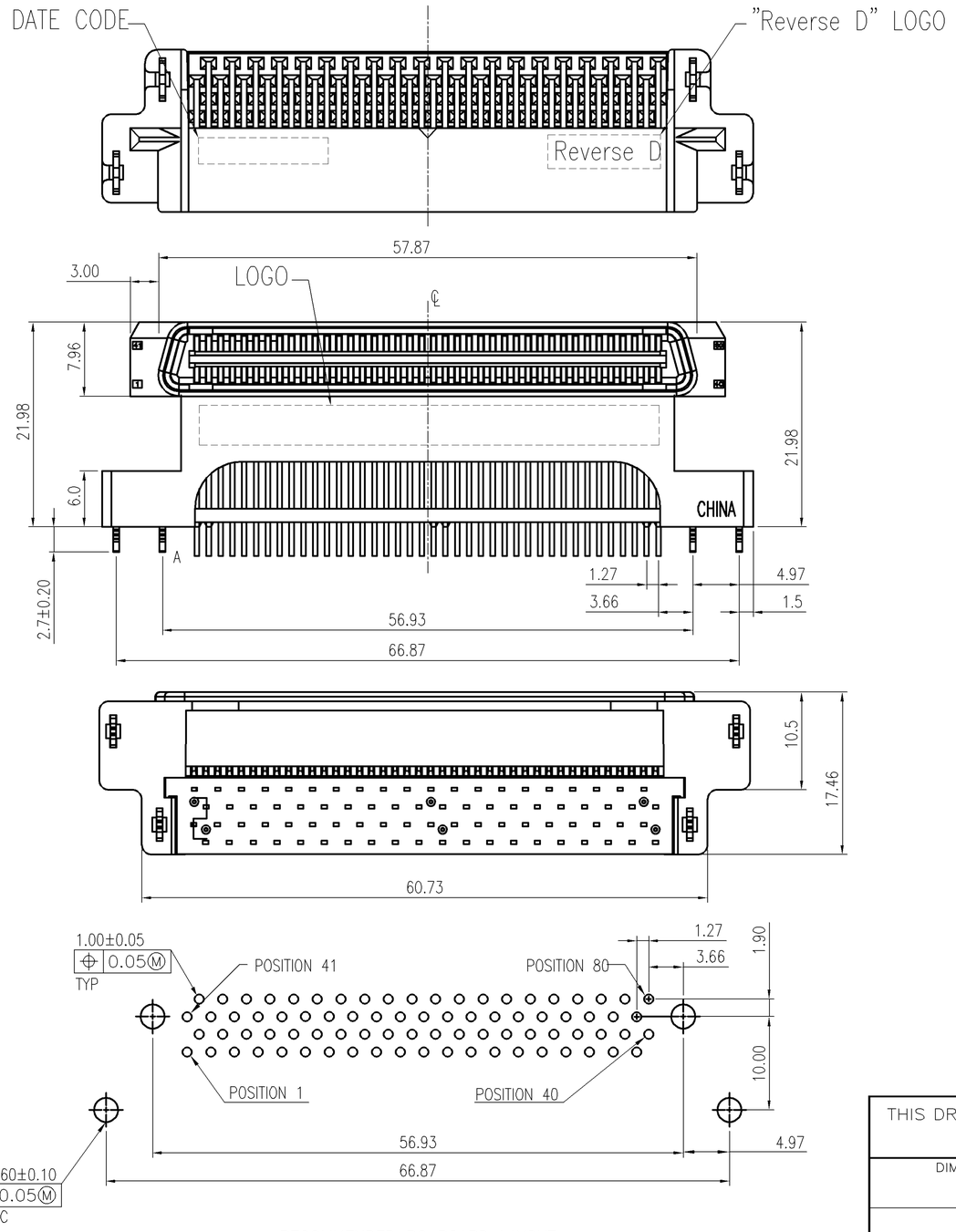
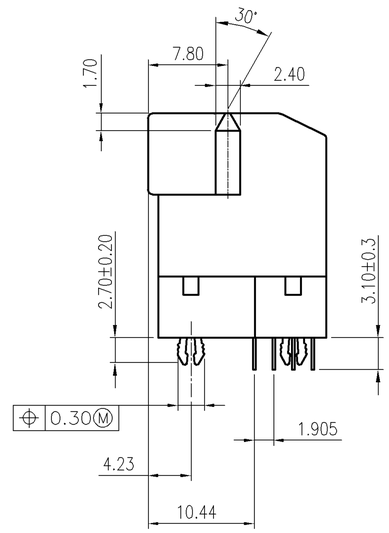
LOC	DIST
DW	—

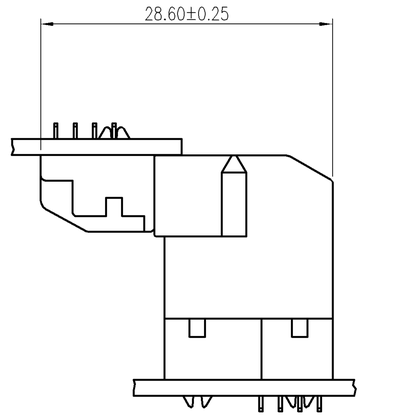
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	(ECR-10-024779, IMPROVE 2041003-1 HSG STRUCTURE AND ADD PN 1-2041003-1)	11JAN'11	E.L.	W.K.



RECOMMENDED PC BOARD LAYOUT
VIEWED FROM CONNECTOR SIDE





RIGHT ANGLE PLUG ASSEMBLY MATED
WITH RIGHT ANGLE RECEPTACLE ASSEMBLY

NOTE:

1. MATERIAL:
   HOUSING: LCP, UL 94V-0, COLOR: BLACK.
   CONTACT: PHOSPHOR BRONZE, THICKNESS=0.30mm.
   RETENTION LEGS: BRASS, THICKNESS=0.50mm.
2. FINISH:
   CONTACT: GOLD FLASH OVER
   0.762um [30u"] MIN. PALLADIUM-NICKEL PLATED ON CONTACT AREA,
   3.8um [150u"] MIN. MATTE TIN PLATED ON SOLDER TAILS,
   1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER.
   RETENTION LEGS: 3.8um [150u"] MIN. TIN-CU PLATED OVER
   1.27um [50u"] MIN. NICKEL PLATED.
3. AIWAYS RoHS/ELV COMPLIANT
4. WAVE SOLDER CAPABLE TO 265°C PER TE SPEC 109-202, CONDITION B.

REVERSED	1734375-1
INTERFACE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± 0.38
1 PLC	± 0.25
2 PLC	± 0.13
3 PLC	± 0.05
4 PLC	± –
ANGLES	± 3°

MATERIAL: SEE NOTE

FINISH: SEE NOTE

DWN	O. HU	24OCT2006
CHK	S. HOU	24OCT2006
APVD	W.J. KE	24OCT2006

PRODUCT SPEC: 108-57876

APPLICATION SPEC: —

WEIGHT: —

TE Connectivity

NAME: CHAMP 1.27, SERIES I, PLUG, ASS'Y, R/A, EXTENDED HEIGHT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734375	—

CUSTOMER DRAWING | SCALE — | SHEET 1 OF 3 | REV C

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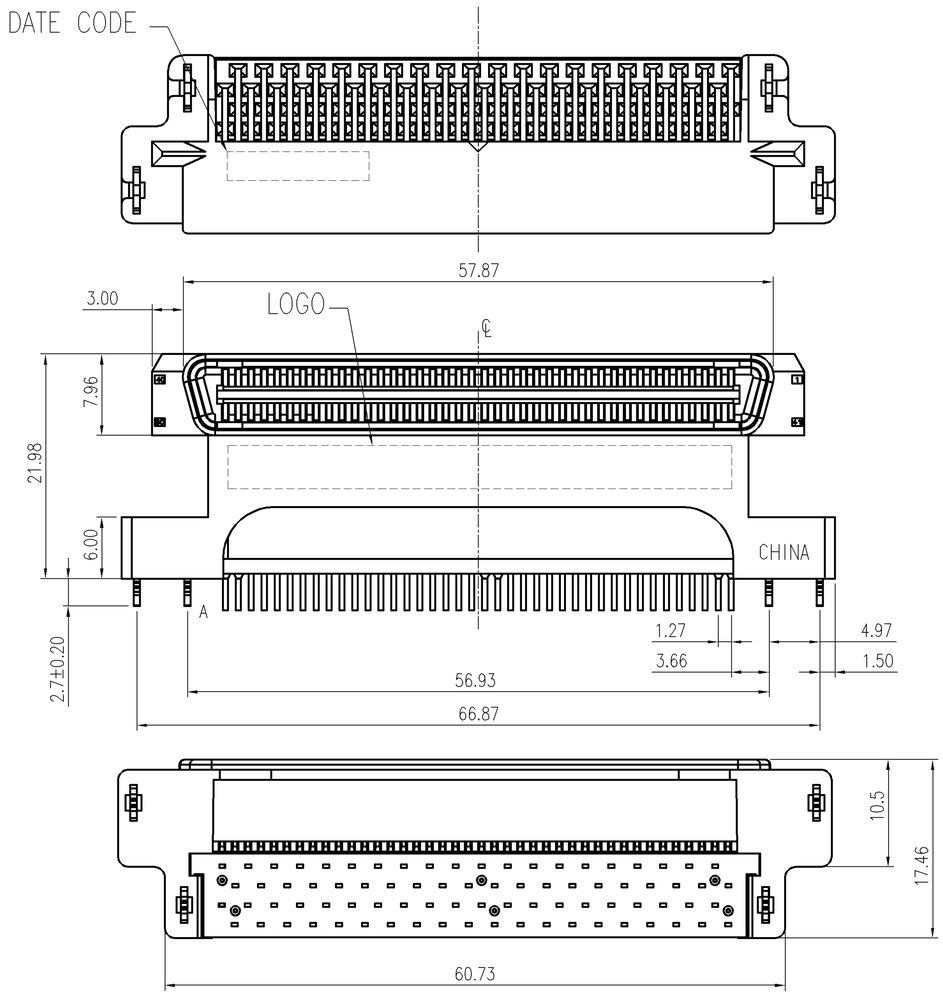
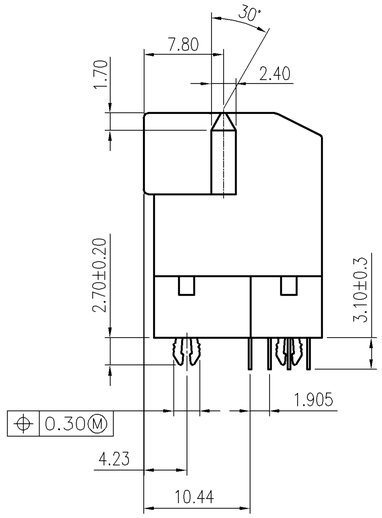
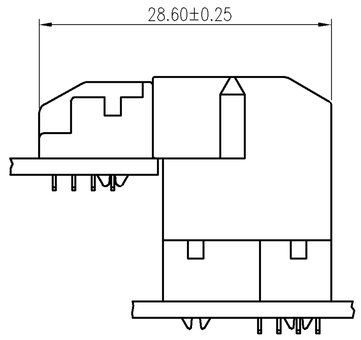
LOC	DIST
DW	—

REVISIONS

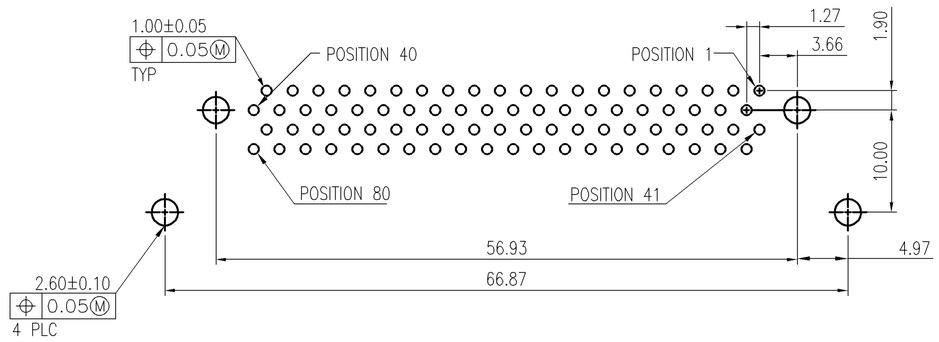
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			







RIGHT ANGLE PLUG ASSEMBLY MATED
WITH RIGHT ANGLE RECEPTACLE ASSEMBLY



RECOMMENDED PC BOARD LAYOUT
VIEWED FROM CONNECTOR SIDE

NORMAL	1–1734375–1
INTERFACE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± 0.38
1 PLC	± 0.25
2 PLC	± 0.13
3 PLC	± 0.05
4 PLC	± –
ANGLES	± 3°

MATERIAL –

FINISH –

DWN	–
CHK	–
APVD	–
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	–

TE Connectivity

NAME

CHAMP 1.27, SERIES I, PLUG,
ASS'Y, R/A, EXTENDED HEIGHT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–1734375	–

CUSTOMER DRAWING | SCALE – | SHEET 2 OF 3 | REV C

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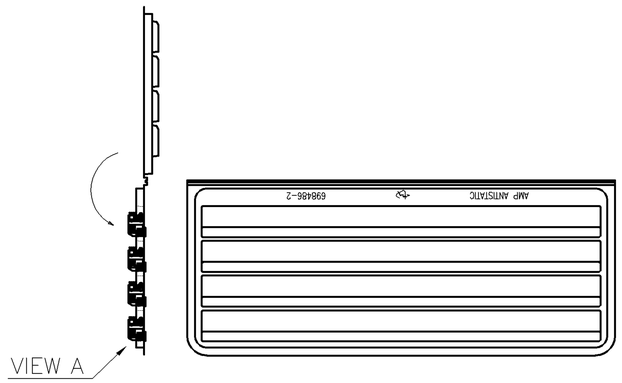
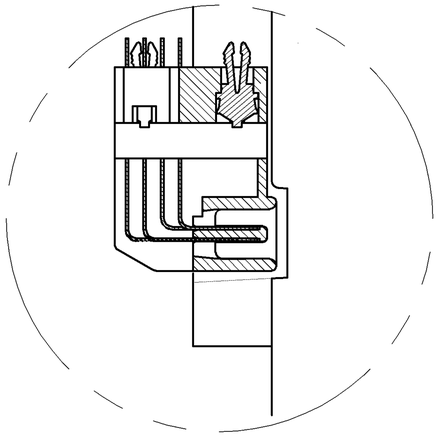
LOC	DIST
DW	—

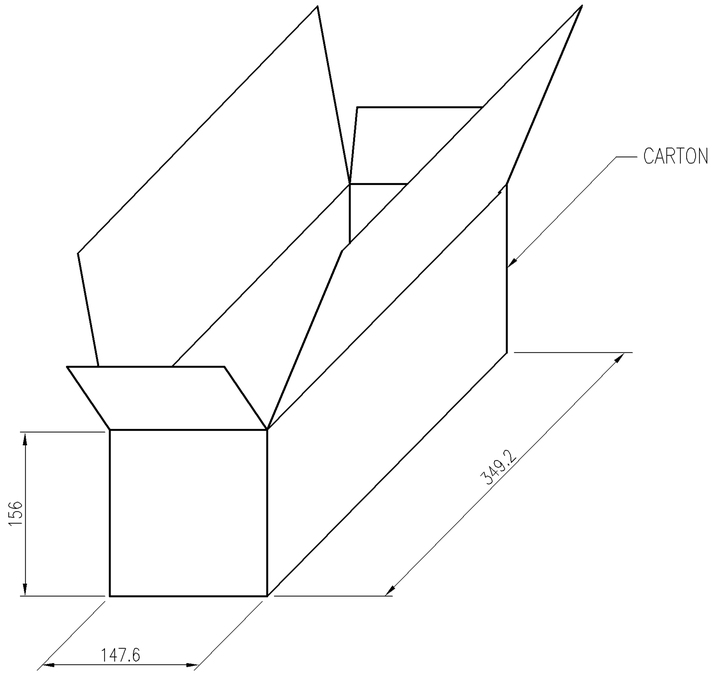
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			





VIEW A



G.W(KGS)	N.W(KGS)	PACKAGING QUANTITY/BOX	TRAY/BOX	PCS/TRAY	PART NUMBER
2.46	1.46	128	8	16	1-1734375-1 1734375-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± —
1 PLC	± —
2 PLC	± —
3 PLC	± —
4 PLC	± —
ANGLES	± —

MATERIAL —

FINISH —

DWN	—
CHK	—
APVD	—
PRODUCT SPEC	—
APPLICATION SPEC	—
WEIGHT	—

TE Connectivity

NAME

CHAMP 1.27, SERIES I, PLUG, ASS'Y, R/A, EXTENDED HEIGHT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734375	—

CUSTOMER DRAWING

SCALE	SHEET	REV
—	3 OF 3	C