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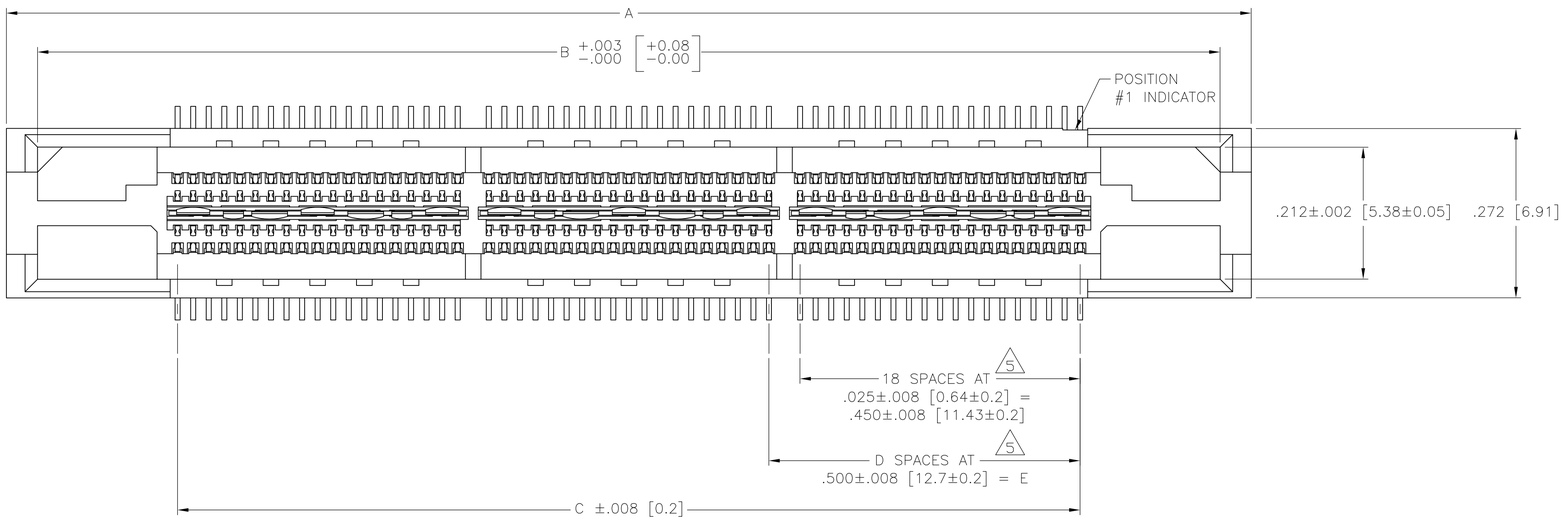
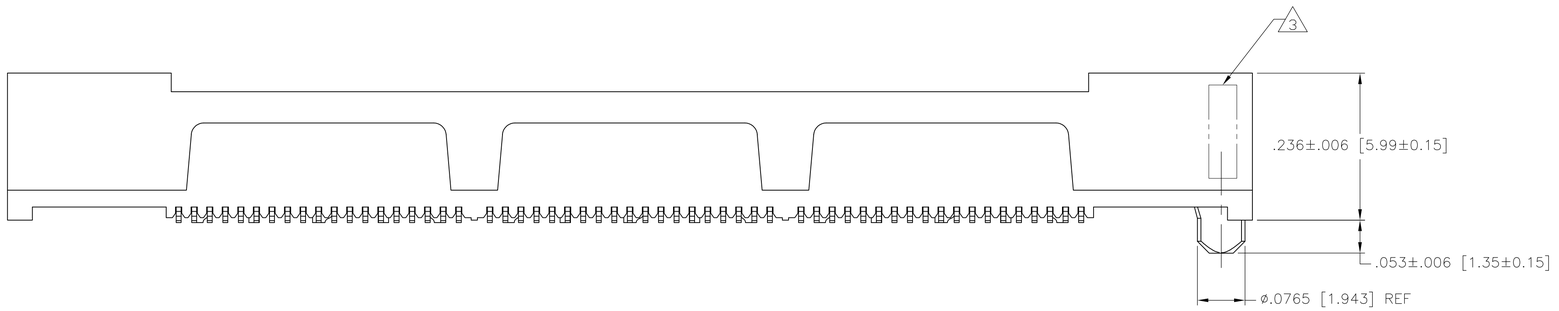
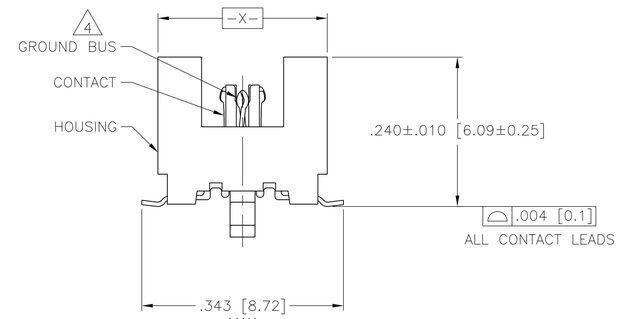
LOC	DIST
AD	00

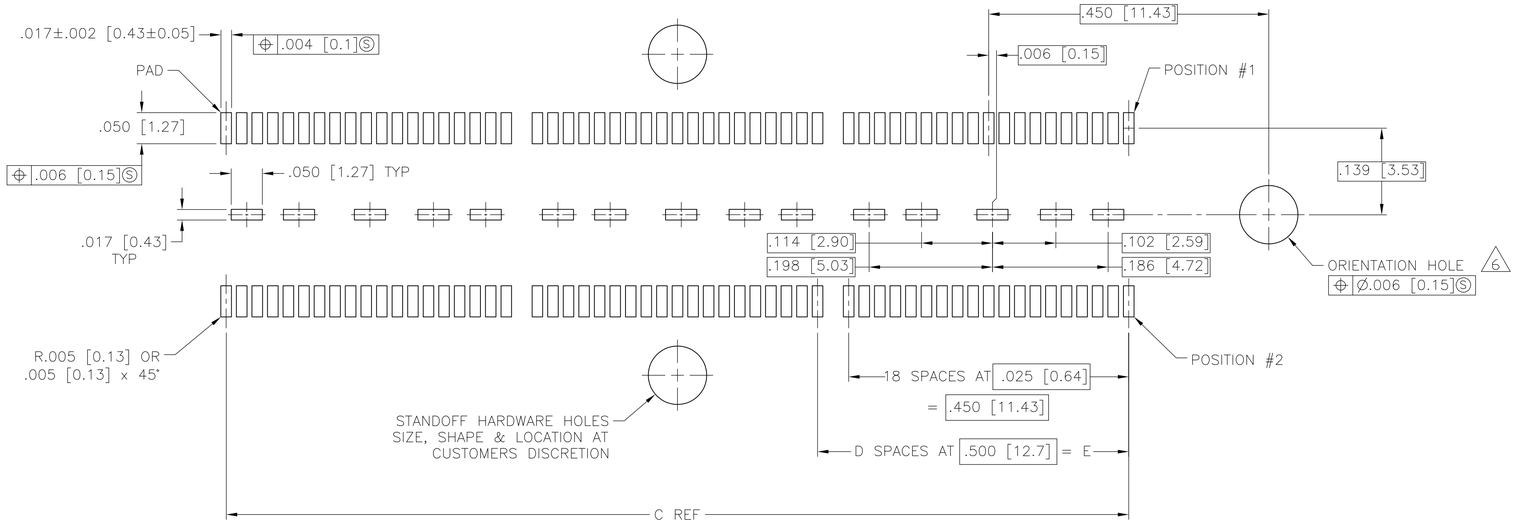
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	5	REVISED PCB	22JUN2007	BC	DD
	A	REVISED PER ECO-09-007920	31MAR2009	AEG	DD
	A1	REVISED PER ECO-09-008973	05MAY2009	AEG	DD









RECOMMENDED PC BOARD LAYOUT

(VIEWED FROM CONNECTOR SIDE)

1. HOUSING: LIQUID CRYSTAL POLYMER, BLACK.
   CONTACTS: HIGH RELIABILITY COPPER ALLOY.
   GROUND BUSSES: PHOSPHOR BRONZE ALLOY, UNS C51100.
2. CONTACTS & GROUND BUSSES: .00005 [0.00013] MIN GOLD OVER .000030 [0.00076] MIN PALLADIUM NICKEL ON CONTACT AREA, .000150–.000250 [0.00381–0.00635] 60/40 TIN–LEAD ON LEADS, ALL OVER 0.000075–0.000175 [0.00191–0.00445] NICKEL.
3. DATE CODE MARKED IN AREA INDICATED ON SIDE OPPOSITE POSITION #1.
4. ONE GROUND BUS WITH 5 TAILS PER EACH MODULE.
5. TOLERANCE NON–ACCUMULATIVE.
6. FOR STANDARD APPLICATIONS, ORIENTATION HOLE TO BE ø.094±.002 [2.39±0.05].
   FOR SLIP–FIT APPLICATIONS, ORIENTATION HOLE TO BE ø.079±.001 [2.00±0.03].
7. PRELIMINARY PART NOT RELEASED FOR PRODUCTION.

	E	D	C	B	A	NO OF POSN	PART NUMBER
7	2.000 [50.8]	4	2.450 [62.23]	2.900 [73.66]	3.000 [76.2]	190	2007176-5
7	1.500 [38.1]	3	1.950 [49.53]	2.400 [60.96]	2.500 [63.5]	152	2007176-4
7	1.000 [25.4]	2	1.450 [36.83]	1.900 [48.26]	2.000 [50.8]	114	2007176-3
7	.500 [12.7]	1	.950 [24.13]	1.400 [35.56]	1.500 [38.1]	76	2007176-2
	.000 [0]	0	.450 [11.43]	.900 [22.86]	1.00 [25.4]	38	2007176-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005 [0.13]
4 PLC ± –
ANGLES ± –

MATERIAL 1

FINISH 2

DWN B.CARBO 30MAY2007
CHK D.DIXON 30MAY2007
APVD D.DIXON 30MAY2007
PRODUCT SPEC 108–1422
APPLICATION SPEC 114–11004
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME
RECEPTACLE ASSEMBLY, VERTICAL, .025 [0.64] CL, GULL WING LEADS, MICTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007176	–

CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 1 | REV A1