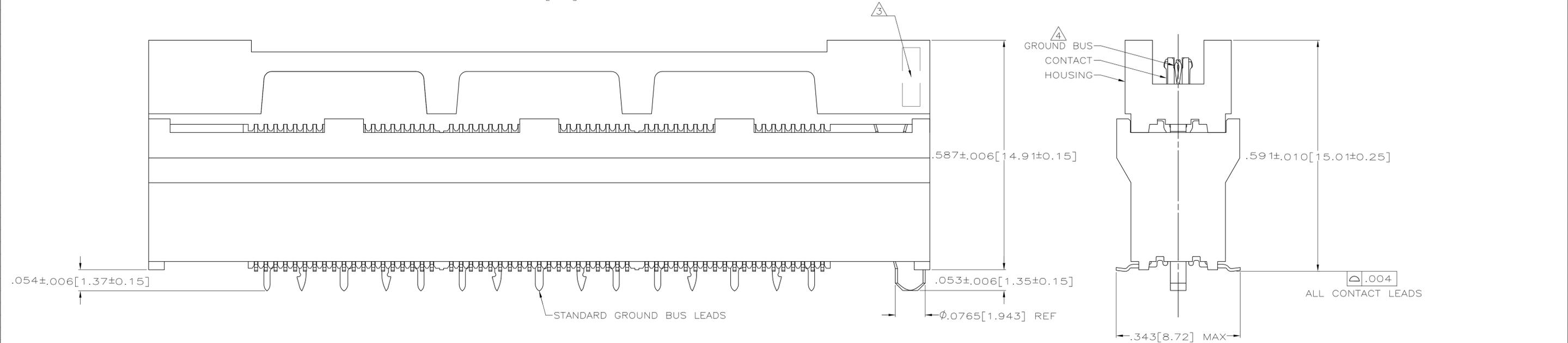


- $\triangle 1$ HOUSING: LIQUID CRYSTAL POLYMER, COLOR BLACK.
CONTACTS: HIGH RELIABILITY COPPER ALLOY.
GROUND BUSES: PHOSPHOR BRONZE ALLOY, UNS C51100.
- $\triangle 2$ CONTACTS & GROUND BUSES: NICKEL UNDERPLATE ALL OVER, MATING SURFACE PLATED TO MEET LEVEL 2 PERFORMANCE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-1422, SOLDER TAILS PLATED TIN-LEAD.
- $\triangle 3$ DATE CODE MARKED IN AREA INDICATED ON SIDE OPPOSITE POSITION #1.
- $\triangle 4$ ONE GROUND BUS WITH 5 TAILS PER EACH MODULE.
- $\triangle 5$ TOLERANCE NON-ACCUMULATIVE.
- $\triangle 6$ FOR SLIP-FIT APPLICATIONS, ORIENTATION HOLE TO BE $\phi .079 \pm .001 [2.00 \pm 0.03]$.
- $\triangle 7$ FOR CONNECTORS OF 190 POSITIONS AND LARGER, THE CONNECTORS INTEGRAL GROUND BUS RETENTION FEATURE COMPENSATES FOR INHERENT BOW IN THE HOUSING. ONCE THE CONNECTOR IS PLACED ON THE PCB, COPLANARITY IS HELD TO $0.1 [0.04]$.
- $\triangle 8$ PRELIMINARY - NOT RELEASED FOR PRODUCTION.



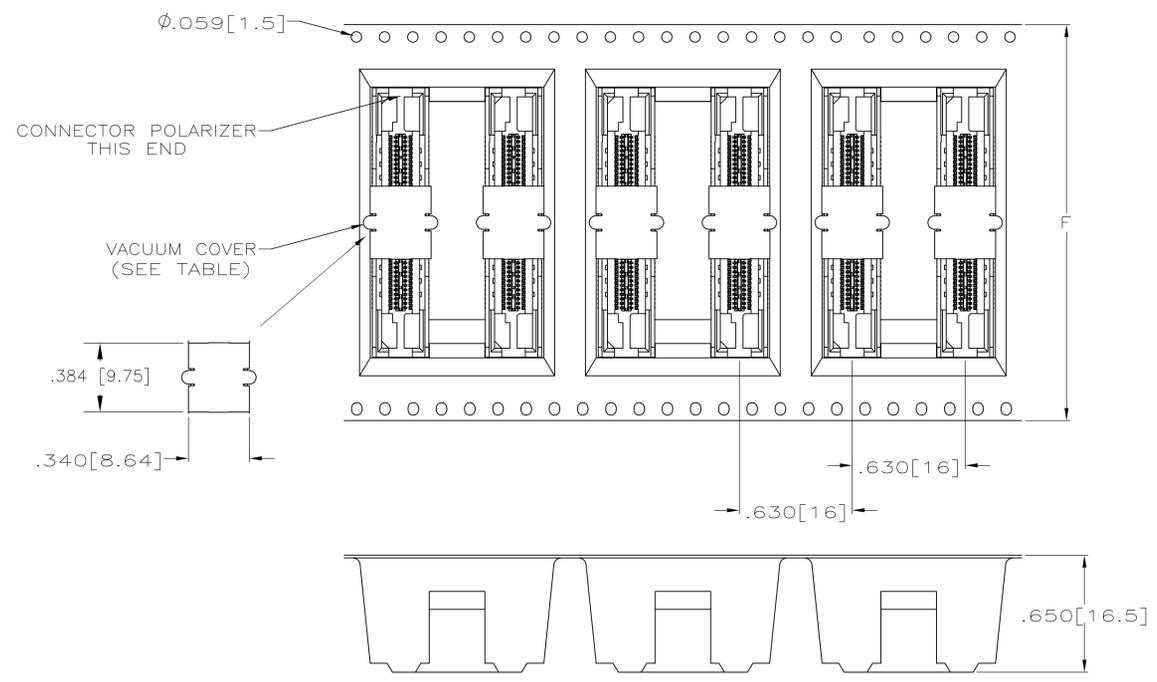
SEE SHEET 2 FOR RECOMMENDED PC BOARD LAYOUT AND PACKAGING DETAIL

$\triangle 8$	NO	4.724 [120]	3.000 [76.2]	6	3.450 [87.63]	3.900 [99.06]	4.000 [101.6]	266	1-767178-4
$\triangle 8$	NO	4.724 [120]	2.500 [63.5]	5	2.950 [74.93]	3.400 [86.36]	3.500 [88.9]	228	1-767178-3
$\triangle 8$	NO	4.094 [104]	2.000 [50.8]	4	2.450 [62.23]	2.900 [73.66]	3.000 [76.2]	190	1-767178-2
$\triangle 8$	NO	3.465 [88]	1.500 [38.1]	3	1.950 [49.53]	2.400 [60.96]	2.500 [63.5]	152	1-767178-1
$\triangle 8$	NO	2.835 [72]	1.000 [25.4]	2	1.450 [36.83]	1.900 [48.26]	2.000 [50.8]	114	1-767178-0
$\triangle 8$	NO	2.205 [56]	.500 [12.7]	1	.950 [24.13]	1.400 [35.56]	1.500 [38.1]	76	767178-9
$\triangle 8$	NO	1.732 [44]	.000 [0]	0	.450 [11.43]	.900 [22.86]	1.000 [25.4]	38	767178-8
$\triangle 8$	YES	4.724 [120]	3.000 [76.2]	6	3.450 [87.63]	3.900 [99.06]	4.000 [101.6]	266	767178-7
$\triangle 8$	YES	4.724 [120]	2.500 [63.5]	5	2.950 [74.93]	3.400 [86.36]	3.500 [88.9]	228	767178-6
$\triangle 8$	YES	4.094 [104]	2.000 [50.8]	4	2.450 [62.23]	2.900 [73.66]	3.000 [76.2]	190	767178-5
$\triangle 8$	YES	3.465 [88]	1.500 [38.1]	3	1.950 [49.53]	2.400 [60.96]	2.500 [63.5]	152	767178-4
$\triangle 8$	YES	2.835 [72]	1.000 [25.4]	2	1.450 [36.83]	1.900 [48.26]	2.000 [50.8]	114	767178-3
$\triangle 8$	YES	2.205 [56]	.500 [12.7]	1	.950 [24.13]	1.400 [35.56]	1.500 [38.1]	76	767178-2
$\triangle 8$	YES	1.732 [44]	.000 [0]	0	.450 [11.43]	.900 [22.86]	1.000 [25.4]	38	767178-1
VACUUM COVER INCLUDED		F	E	D	C	B	A	NO OF POS	PART NUMBER

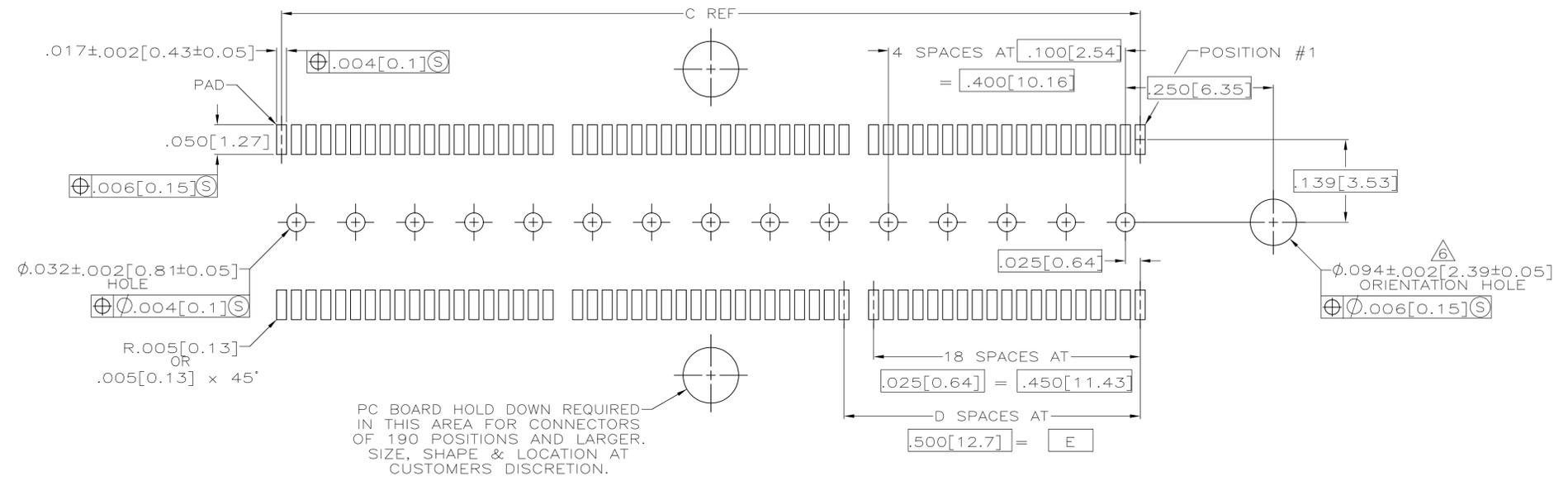
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± .005(0.13)	4 PLC ± -	ANGLES ± -
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MATERIAL	FINISH	DRW BY: B. CARDO	DATE: 19 APR 02	CHK: D. DIXON	DATE: 19 APR 02	APPV: D. DIXON	DATE: 19 APR 02	NAME: Tyco Electronics Corporation	ADDRESS: Harrisburg, PA 17105-3608
SIZE: A1	SCALE: 8:1	CAGE CODE: 00779	DRAWING NO: 767178	PRODUCT SPEC: 108-1422	APPLICATION SPEC: 114-11004	WEIGHT: -	RESTRICTED TO: -	RECEPTACLE ASSEMBLY, .355 [9.02] VERTICAL, .025 [0.64] CL, GULL WING LEADS, POCKET TAPE PACKAGED, MICTOR	
CUSTOMER DRAWING		SCALE: 8:1		SHEET 1 OF 2		REV D1			



PACKAGING DETAIL Δ
 SCALE 2:1
 DIMENSIONS ARE FOR REFERENCE



RECOMMENDED PC BOARD LAYOUT
 (VIEWED FROM CONNECTOR SIDE)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN B CARBO 19 APR 02 CHK D DIXON 19 APR 02 APVD D DIXON 19 APR 02	Tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PL ± - 1 PL ± - 2 PL ± - 3 PL ± .005(0.13) 4 PL ± - ANGLES ± -	NAME RECEPTACLE ASSEMBLY, .355[9.02] VERTICAL, .025[0.64] CL, GULL WING LEADS, POCKET TAPE PACKAGED, MICTOR	SIZE A1
MATERIAL	FINISH	WEIGHT A1 00779 C=767178	CUSTOMER DRAWING SCALE 8:1 SHEET 2 OF 2 REV D1

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