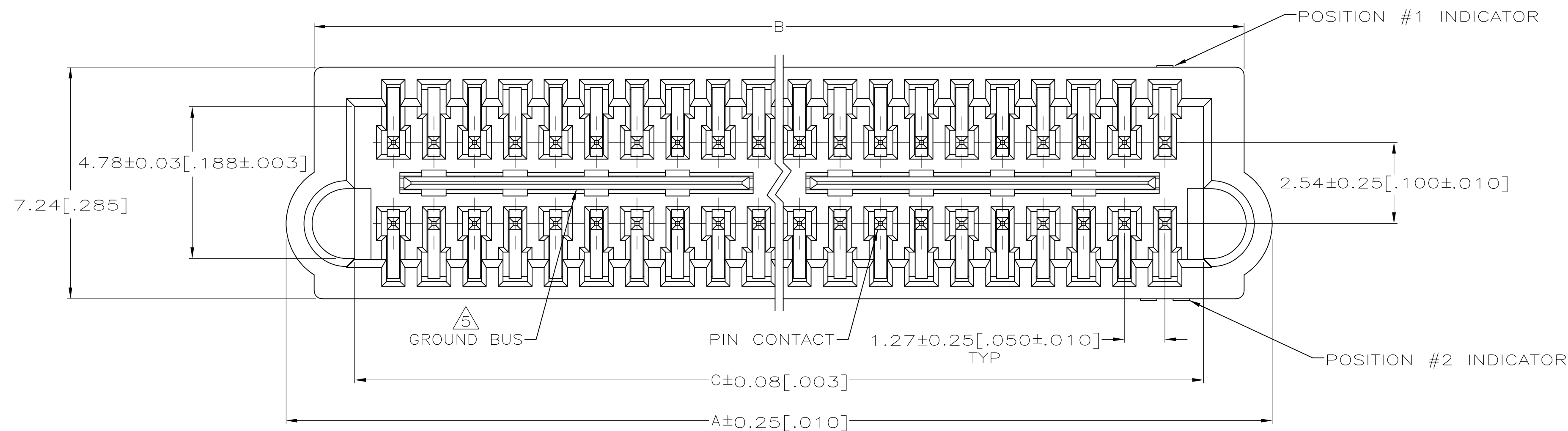
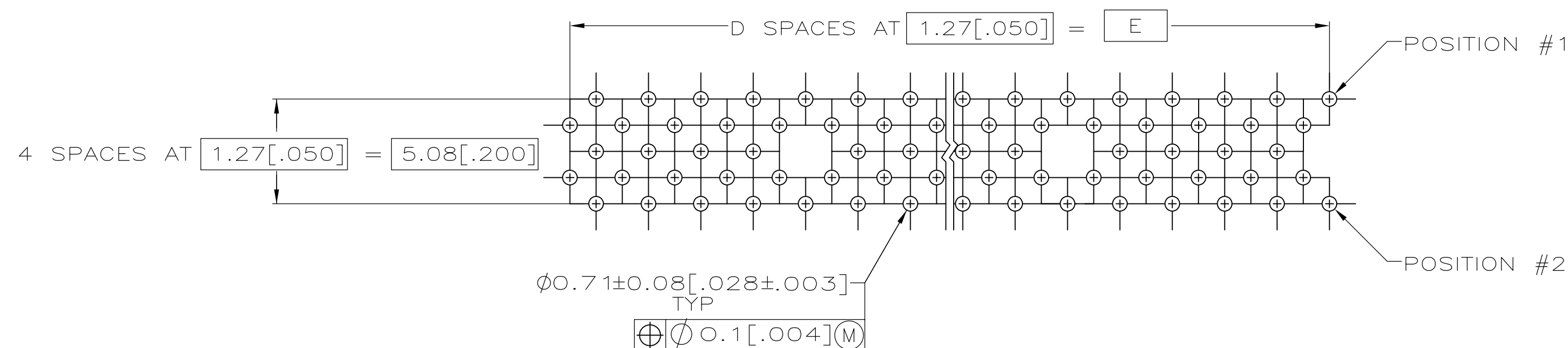
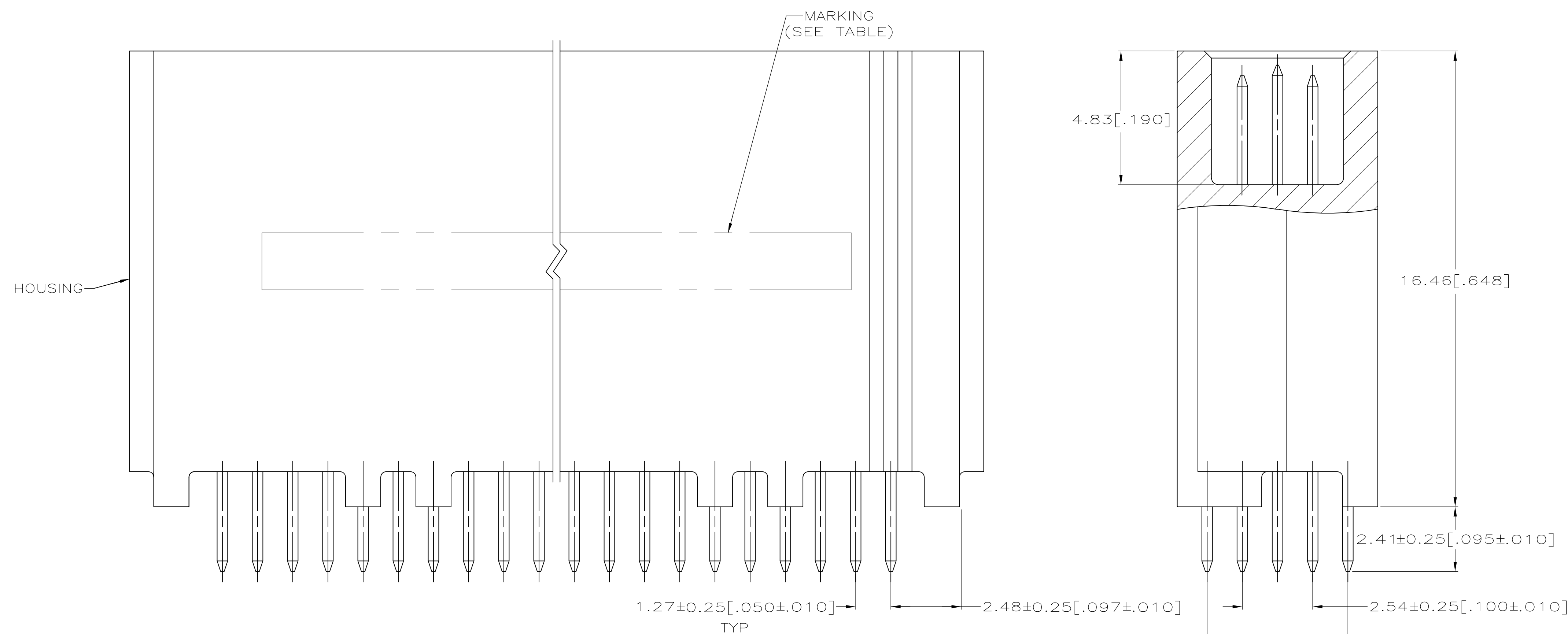


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	R	REVISED PER ECO-16-010704	20JUL2016	SY	SY



- ① HOUSING: HIGH TEMPERATURE THERMOPLASTIC, COLOR: NATURAL OR LIGHT NATURAL.
PIN CONTACTS: PHOSPHOR BRONZE.
GROUND BUSSES: PHOSPHOR BRONZE.
- ② CONTACTS & GROUND BUSES: 0.00076(0.00030) MIN. GOLD PER ASTM B 488 ON CONTACT AREA, 0.00254-0.00762(0.00100-.000300) MATTE TIN PER ASTM B 545 ON SOLDER TAIL, ALL OVER 0.00127-0.00254(0.00050-.000100) MATTE NICKEL PER SAE AMS-QQ-N-290 ON ENTIRE CONTACT.
- ③ AMP AND DATE CODE MARKED IN AREA INDICATED, ON SAME SIDE AS POSITION NUMBER 2 INDICATOR.
- ④ AMP, DATE CODE AND PART NUMBER MARKED IN AREA INDICATED, ON SAME SIDE AS POSITION NUMBER 2 INDICATOR.
- ⑤ ONE GROUND BUS WITH 4 TAILS PER EACH 20 PIN CONTACTS.



RECOMMENDED PC BOARD HOLE LAYOUT
(VIEWED FROM CONNECTOR SIDE)

OBSOLETE	3	125.73[4.950]	99	128.22[5.048]	130.81[5.150]	132.44[5.214]	200	5149009-9
	3	113.03[4.450]	89	115.52[4.548]	118.11[4.650]	119.74[4.714]	180	5149009-8
	3	100.33[3.950]	79	102.82[4.048]	105.41[4.150]	107.04[4.214]	160	5149009-7
	3	87.63[3.450]	69	90.12[3.548]	92.71[3.650]	94.34[3.714]	140	5149009-6
	3	74.93[2.950]	59	77.42[3.048]	80.01[3.150]	81.64[3.214]	120	5149009-5
OBSOLETE	4	62.23[2.450]	49	64.72[2.548]	67.31[2.650]	68.94[2.714]	100	5149009-4
	3	49.53[1.950]	39	52.02[2.048]	54.61[2.150]	56.24[2.214]	80	5149009-3
	3	36.83[1.450]	29	39.32[1.548]	41.91[1.650]	43.54[1.714]	60	5149009-2
	3	24.13[.950]	19	26.62[1.048]	29.21[1.150]	30.84[1.214]	40	5149009-1
		MARKING	E	D	C	B	A	NO OF POS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. NO. L. VARELA 01-19-05 DWG. NO. D. DIXON 01-19-05 APD NO. D. DIXON 01-19-05		 TE Connectivity		TITLE / NUMBER PLUG ASSEMBLY	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.13[.005] 3 PLC ± - ANGLES ± - FINISH		NAME PLUG ASSEMBLY, 18.75[.738] STACK, 2.41[.095] TAIL, BOARD TO BOARD, MICROSTRIP		PRODUCT SPEC 108-1272 APPLICATION SPEC 114-11005	
MATERIAL 		WEIGHT 0.000000		SIZE A1		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-5149009		RESTRICTED TO	
		SCALE 10:1		SHEET 1 OF 1		REV R	

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[5149009-8](#)