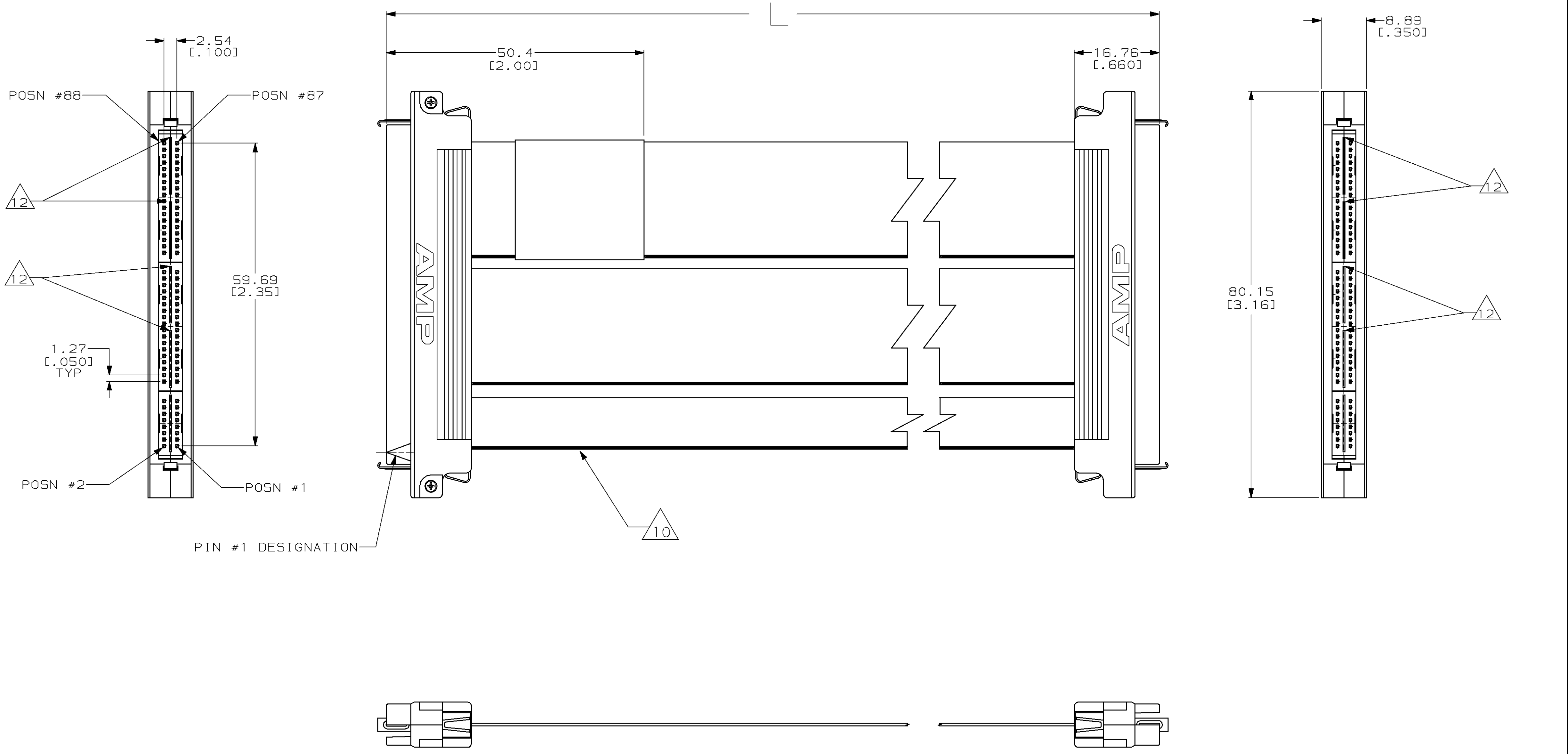


- 1 HOUSING MATERIAL: BLACK THERMOPLASTIC
- 2 SIGNAL CONTACTS: PHOSPHOR BRONZE WITH 0.0076 [0.00030] MINIMUM GOLD OVER 0.0076 [0.00030] NICKEL PLATE IN CONTACT AREA.
- 3 GROUND BUS: BRASS WITH 0.0076 [0.00030] GOLD OVER 0.0076 [0.00030] NICKEL IN CONTACT AREA.
- 4. CHARACTERISTIC IMPEDANCE: 50±5 Ohms.
- 5. PROPAGATION DELAY: 4.75±.1 ns/M [1.45±.03 ns/FT].
- 6 CABLE INSULATION MATERIAL: FEP OR EQUIVALENT.
- 7. CONDUCTOR RESISTANCE: .472 Ohm/M [1.144 Ohm/FT].
- 8. CAPACITANCE TO GROUND: 98± pF/M [30±3 pF/FT].
- 9. CABLE AND PC BOARD WIRING:

PC BOARD RCPT A	CABLE ASSY END C1	CABLE ASSY END C2	PC BOARD RCPT B
1	N/C	N/C	1
2	N/C	N/C	2
3	1	1	3
4	2	2	4
	-	-	
	-	-	
17	15	15	17
18	16	16	18
19	N/C	N/C	19
20	N/C	N/C	20
	-	-	
	-	-	
21	N/C	N/C	21
22	N/C	N/C	22
23	17	17	23
24	18	18	24
	-	-	
	-	-	
57	51	51	57
58	52	52	58
59	N/C	N/C	59
60	N/C	N/C	60
	-	-	
	-	-	
61	N/C	N/C	61
62	N/C	N/C	62
63	53	53	63
64	54	54	64
	-	-	
	-	-	
97	87	87	97
98	88	88	98
99	N/C	N/C	99
100	N/C	N/C	100



10 LABEL TO READ AS FOLLOWS

AMP PART NUMBER:
DATE CODE:

DATE CODE TO BE FOUR DIGIT AND APPEAR AS YEAR/WEEK (EXAMPLE 9222).

11. THIS CABLE ASSEMBLY IS TO BE MATED WITH A 100 POSITION BOARD RECEPTACLE. THE RECEPTACLE PRINTED CIRCUIT BOARD MUST HAVE THROUGH HOLES FOR ALL CONTACTS INCLUDING THE UNUSABLE BOARD RECEPTACLE SIGNAL CONTACTS. THE UNUSABLE BOARD RECEPTACLE SIGNALS ARE 1,2,19,20,21,22, 59,60,61,62,99 AND 100.

12 GROUND BUSES ARE IN COMMON

2-621192-4	3048.0 [120.00]
2-621192-3	2743.2 [108.00]
2-621192-2	2438.4 [96.00]
2-621192-1	2133.6 [84.00]
2-621192-0	1828.8 [72.00]
1-621192-9	1524.0 [60.00]
1-621192-8	1219.2 [48.00]
1-621192-7	1066.8 [42.00]
1-621192-6	914.4 [36.00]
1-621192-5	762.0 [30.00]
1-621192-4	609.6 [24.00]
1-621192-3	533.4 [21.00]
1-621192-2	457.2 [18.00]
1-621192-1	381.0 [15.00]
1-621192-0	304.8 [12.00]
621192-9	279.4 [11.00]
621192-8	254.0 [10.00]
621192-7	228.6 [9.00]
621192-6	203.2 [8.00]
621192-5	177.8 [7.00]
621192-4	152.4 [6.00]
621192-3	127.0 [5.00]
621192-2	101.6 [4.00]
621192-1	76.2 [3.00]
PART NUMBER	±.64 [0.25]

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING DEPARTMENT SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		DATE: 10-04-95 D. EISENTRAUT 1-3-96
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: Ø PLC ±.005 Ø PLC ±.010 Ø PLC ±.015 Ø PLC ±.005 ANGLES ±.005	NAME: L. SMITH PRODUCT SPEC: ENHANCED MICRO STRIP CABLE ASSEMBLY 50 OHM, 88 POS, WITH LATCH APPLICATION SPEC: A1 WEIGHT: - CUSTOMER DRAWING: -
MATERIAL: - FINISH: -		AMP Incorporated Harrisburg, PA 17105-3508 SCALE: 2:1 SHEET 1 OF 1 REV B