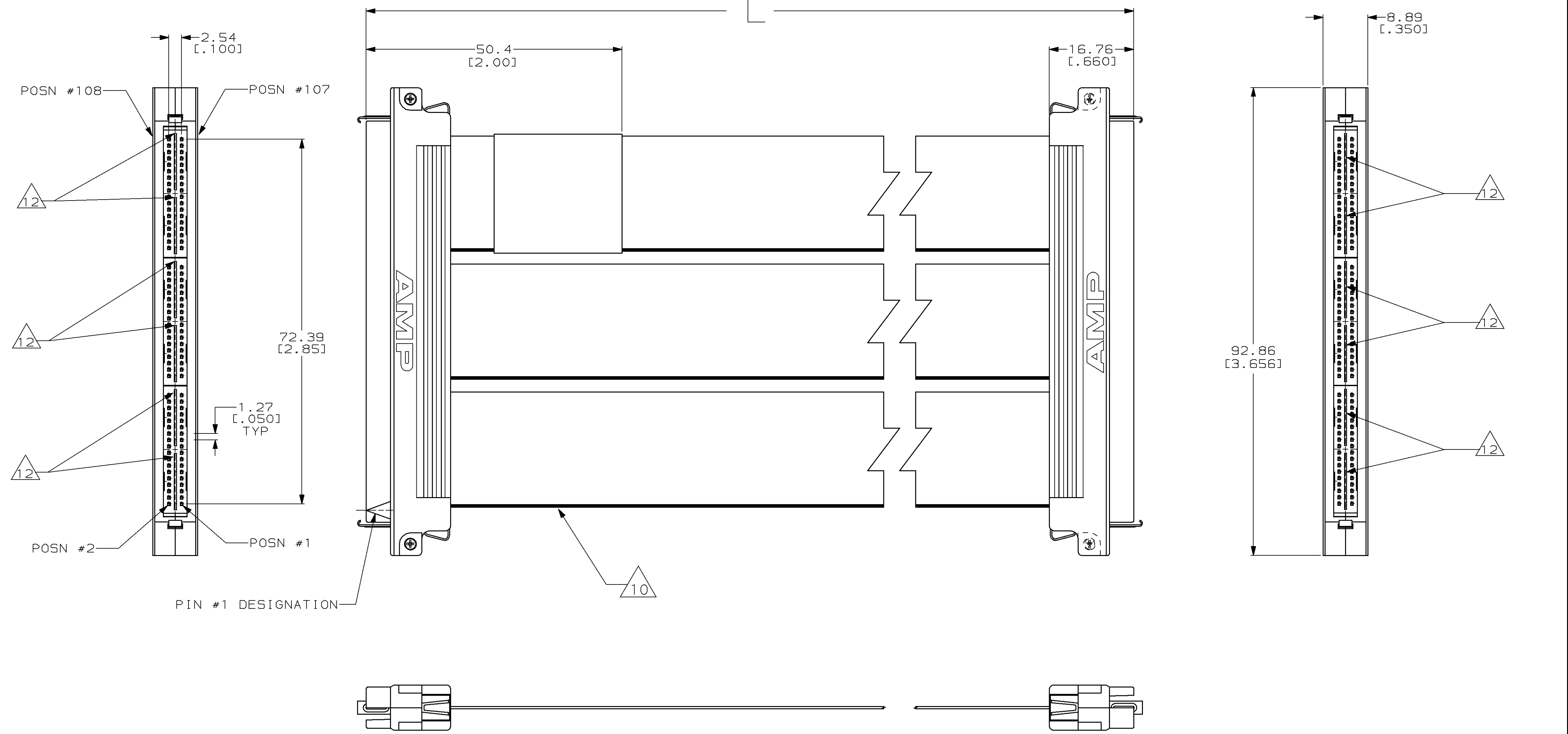


LOC	DIST	REV	DESCRIPTION	DATE	OWN	APVD
CF	39	A	REV PER 0B20-0816-95	11-8-95	KJH	KJH
		✓ B	REV PER 0B20-0251-96	3-29-96	REH	KN
		C	REV PER 0B20-1058-96	12-30-96	VEC	KN

- 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
-	-	-	-
37	35	35	37
38	36	36	38
39	N/C	N/C	39
40	N/C	N/C	40
-	-	-	-
41	N/C	N/C	41
42	N/C	N/C	42
43	37	37	43
44	38	38	44
-	-	-	-
77	71	71	77
78	72	72	78
79	N/C	N/C	79
80	N/C	N/C	80
-	-	-	-
81	N/C	N/C	81
82	N/C	N/C	82
83	73	73	83
84	74	74	84
-	-	-	-
117	107	107	117
118	108	108	118
119	N/C	N/C	119
120	N/C	N/C	120



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 120 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 1,2,39,40,41,42,79,80,81,82,119 AND 120.

12 GROUND BUSES ARE IN COMMON

2-621193-4	3048.0 [120.00]
2-621193-3	2743.2 [108.00]
2-621193-2	2438.4 [96.00]
2-621193-1	2133.6 [84.00]
2-621193-0	1828.8 [72.00]
1-621193-9	1524.0 [60.00]
1-621193-8	1219.2 [48.00]
1-621193-7	1066.8 [42.00]
1-621193-6	914.4 [36.00]
1-621193-5	762.0 [30.00]
1-621193-4	609.6 [24.00]
1-621193-3	533.4 [21.00]
1-621193-2	457.2 [18.00]
1-621193-1	381.0 [15.00]
1-621193-0	304.8 [12.00]
621193-9	279.4 [11.00]
621193-8	254.0 [10.00]
621193-7	228.6 [9.00]
621193-6	203.2 [8.00]
621193-5	177.8 [7.00]
621193-4	152.4 [6.00]
621193-3	127.0 [5.00]
621193-2	101.6 [4.00]
621193-1	76.2 [3.00]
PART NUMBER	L ±6.4 [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: 10-04-94 CHK: D. EISENTRAU DATE: 1/3/95 APVD: L. SMITH DATE: 1/3/95
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.25(.01) 2 PLC ±.127(.005) 3 PLC ± 4 PLC ± ANGLES ±	MATERIAL: FINISH:	AMP Incorporated Harrisburg, PA 17105-3508 ENHANCED MICRO-STRIP CABLE ASSEMBLY 50 Ohm, 108 POSITION, WITH LATCH SIZE: A1 CAGE CODE: 00779 DRAWING NO: C-621193 WEIGHT: - SCALE: 2:1 SHEET: 11 REV: C