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LOC	DIST
CF	39

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	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[.000030] MINIMUM GOLD OVER 0.0076[.000030] NICKEL PLATE IN CONTACT AREA.
3. GROUND BUS: BRASS WITH 0.0076[.000030] GOLD OVER 0.0076[.000030] 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 [.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

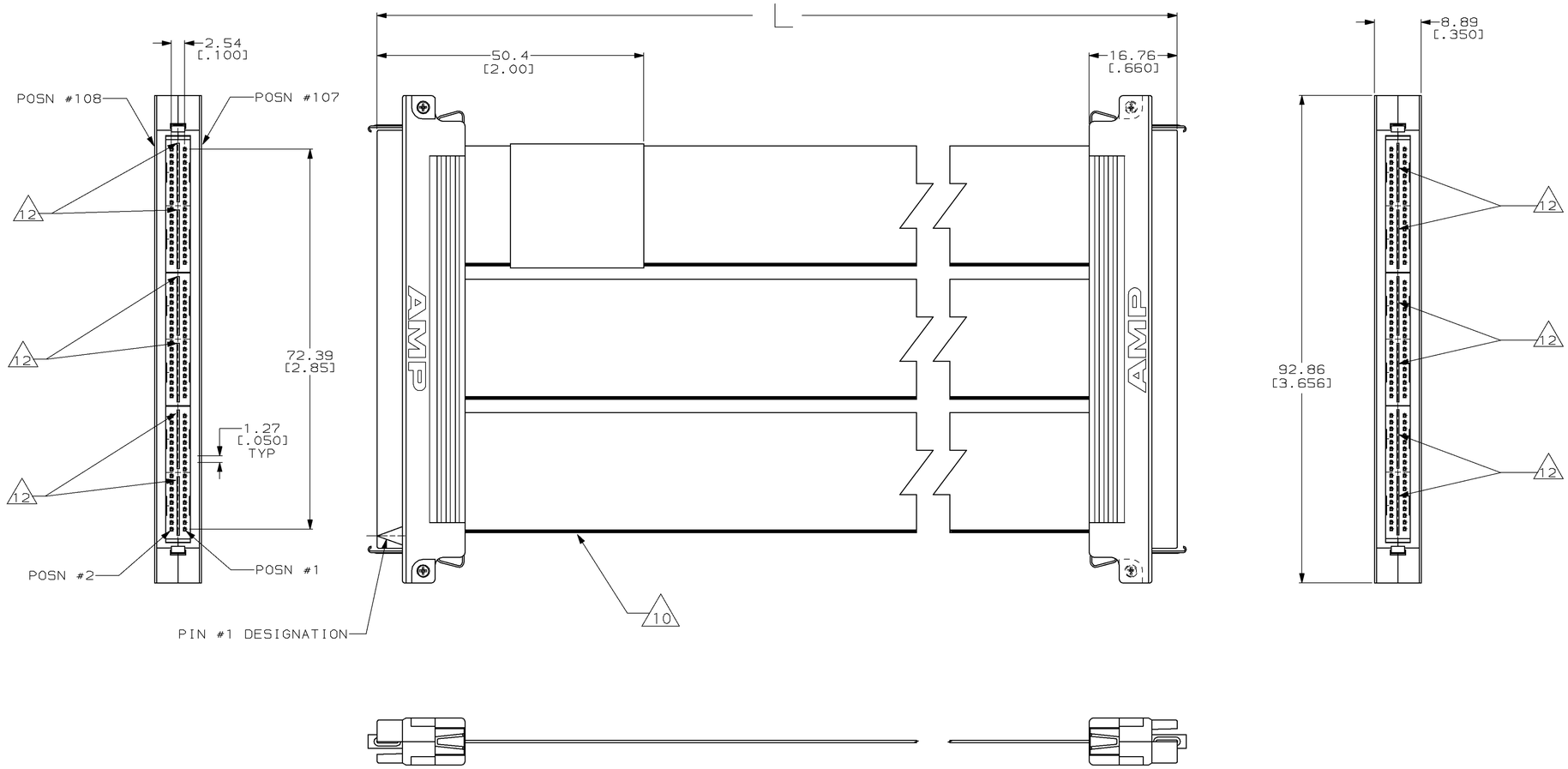
10. LABEL TO READ AS FOLLOWS

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 [.25]

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED.
0 PLC ±-
1 PLC ±-
2 PLC ±.25[.01]
3 PLC ±.127[.005]
4 PLC ±-
ANGLES ±-

MATERIAL 1 2 3 6 -
FINISH 2 3 -

DWN D.EISENTRAUT 10-04-94
CHK L.SMITH 1/3/95
APVD L.SMITH 1/3/95
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

AMP Incorporated
Harrisburg, PA 17105-3608

NAME
ENHANCED MICRO-STRIP CABLE ASSEMBLY
50 Ohm, 108 POSITION, WITH LATCH

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-621193

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 1 | REV C

AMP 480S REV 10/93

09-JAN-97 12:59:32 amp37970/home/amp37970/edmmod