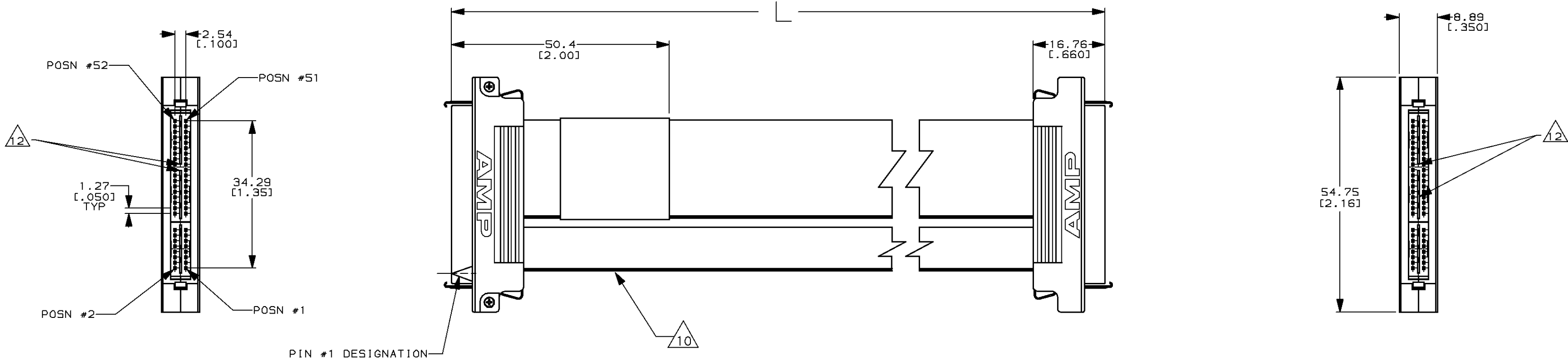




1. HOUSING MATERIAL: BLACK THERMOPLASTIC
2. SIGNAL CONTACTS: PHOSPHOR BRONZE WITH 0.0076 [1.00030] MINIMUM GOLD OVER 0.0076 [1.00030] NICKEL PLATE IN CONTACT AREA.
3. GROUND BUS: BRASS WITH 0.0076 [1.00030] GOLD OVER 0.0076 [1.00030] NICKEL IN CONTACT AREA.
4. CHARACTERISTIC IMPEDANCE: 50±5 Ohms.
5. 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 [1.44 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

11. THIS CABLE ASSEMBLY IS TO BE MATED WITH A 60 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 AND 60.
12. GROUND BUSES ARE COMMON.

10. LABEL TO READ AS FOLLOWS

AMP PART NUMBER:
DATE CODE:

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

2-621190-4	3048.0 [120.00]
2-621190-3	2743.2 [108.00]
2-621190-2	2438.4 [96.00]
2-621190-1	2133.6 [84.00]
2-621190-0	1828.8 [72.00]
1-621190-9	1524.0 [60.00]
1-621190-8	1219.2 [48.00]
1-621190-7	1066.8 [42.00]
1-621190-6	914.4 [36.00]
1-621190-5	762.0 [30.00]
1-621190-4	609.6 [24.00]
1-621190-3	533.4 [21.00]
1-621190-2	457.2 [18.00]
1-621190-1	381.0 [15.00]
1-621190-0	304.8 [12.00]
621190-9	279.4 [11.00]
621190-8	254.0 [10.00]
621190-7	228.6 [9.00]
621190-6	203.2 [8.00]
621190-5	177.8 [7.00]
621190-4	152.4 [6.00]
621190-3	127.0 [5.00]
621190-2	101.6 [4.00]
621190-1	76.2 [3.00]
PART NUMBER	±6.4 [1.25]

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN D. EISENTRAUT 10-4-94	AMP AMP Incorporated Harrisburg, PA 17105-3608
DIMENSIONS: INCHES		CHK L. SMITH 1-3-95	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±.25 [1.01] 2 PLC ±.127 [1.005] 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH -		APVD L. SMITH 1-3-95	
MATERIAL -		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	
CUSTOMER DRAWING			NAME ENHANCED MICRO STRIP CABLE ASSEMBLY 50 OHM, 52 POSITION, WITH LATCH
SIZE A2			CAGE CODE 00779
DRAWING NO C=621190			SCALE NTS
SHEET 1			OF 1
REV B			

-
- Home
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Cable Assemblies

AMP

621190-1 -- 1 of 1 products

Active

[Active](#)

(Tyco Electronics P/N: 621190-1)

	Sales Information	Step Search Screen
	Related Documents	General Information
	Pricing	Product Availability

Please use the customer drawing for all design activity.

- Customer Drawing: 621190, Rev. B
Document Title: ENHANCED MICRO STRIP CABLE ASSEMBLY 50 OHM, 52 POSITION, WITH LATCH

192434.pdf

[192434.pdf](#) (46K)

Searchable Features:		Other Properties:	
Brand:	AMP	Housing Material:	Thermoplastic
Cable Assembly Type:	Micro-Strip	Housing Color:	Black
Single Ended:	No	Ground Bus Material:	Brass
No. of Signal Positions:	52	Ground Bus Mating Area Plating:	Gold (30)
Length (M [ft]):	0.076 [0.249]	Signal Pin Material:	Phosphor Bronze
Wire Size (mm² [AWG]):	31.5 AWG	Signal Pin Mating Area Plating:	Gold (30)
Equalized:	No		
Offset:	No		