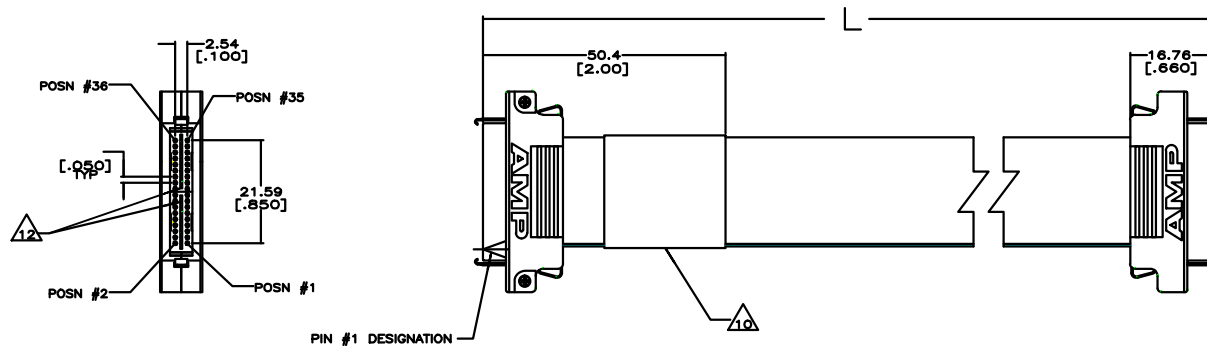




△ HOUSING MATERIAL: BLACK THERMOPLASTIC
 △ SIGNAL CONTACTS: PHOSPHOR BRONZE WITH 0.0076[.000030] MINIMUM GOLD OVER 0.0076[.000030] NICKEL PLATE IN CONTACT AREA.

△ 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].

△ 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

△ LABEL TO READ AS FOLLOWS

AMP PART NUMBER:
DATE CODE:

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

THIS CABLE ASSEMBLY IS TO BE MATED WITH A 40 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, AND 40.

△ GROUND BUSES ARE COMMON.

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2-621189-6	1270	[50]
2-621189-5	4269.2	[168.00]
2-621189-4	3048.0	[120.00]
2-621189-3	2743.2	[108.00]
2-621189-2	2438.4	[96.00]
2-621189-1	2133.6	[84.00]
2-621189-0	1828.8	[72.00]
1-621189-9	1524.0	[60.00]
1-621189-8	1219.2	[48.00]
1-621189-7	1066.8	[42.00]
1-621189-6	914.4	[36.00]
1-621189-5	762.0	[30.00]
OBSOLETE	OBSOLETE	
1-621189-3	533.4	[21.00]
OBSOLETE	OBSOLETE	
1-621189-1	381.0	[15.00]
1-621189-0	304.8	[12.00]
621189-9	279.4	[11.00]
621189-8	254.0	[10.00]
621189-7	228.6	[9.00]
621189-6	203.2	[8.00]
621189-5	177.8	[7.00]
621189-4	152.4	[6.00]
621189-3	127.0	[5.00]
621189-2	101.6	[4.00]
621189-1	76.2	[3.00]
PART NUMBER	±6.4	[.25]

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Raychem Harnessing
CUSTOMER DRAWING

DIMENSIONS	INCHES	OTHER SPECIFICATIONS
1 PLC	±	±
2 PLC	±	±
3 PLC	±	±
4 PLC	±	±
5 PLC	±	±
6 PLC	±	±
7 PLC	±	±
8 PLC	±	±
9 PLC	±	±
10 PLC	±	±
11 PLC	±	±
12 PLC	±	±
13 PLC	±	±
14 PLC	±	±
15 PLC	±	±
16 PLC	±	±
17 PLC	±	±
18 PLC	±	±
19 PLC	±	±
20 PLC	±	±
21 PLC	±	±
22 PLC	±	±
23 PLC	±	±
24 PLC	±	±
25 PLC	±	±
26 PLC	±	±
27 PLC	±	±
28 PLC	±	±
29 PLC	±	±
30 PLC	±	±
31 PLC	±	±
32 PLC	±	±
33 PLC	±	±
34 PLC	±	±
35 PLC	±	±
36 PLC	±	±
37 PLC	±	±
38 PLC	±	±
39 PLC	±	±
40 PLC	±	±

REV	DATE	BY	CHKD	APPD	DESCRIPTION
D	04-01-13	T.N	P.G		REVISED PER ECO-13-005673
C	12-19-96	VEC	KN		REVISED PER 0820-1058-96
B	11-04-96	SSG	KN		REVISED PER 0820-0920-96
A					

REV	DATE	BY	CHKD	APPD	DESCRIPTION
D	02-04-95	L. SMITH			REVISED PER 02-04-95
C	02-04-95	L. SMITH			REVISED PER 02-04-95
B	02-04-95	L. SMITH			REVISED PER 02-04-95
A					

SCALE	SIZE	DRAWING NO	SHEET	OF	REV
N/A	A1	C-621189	1	1	D

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