



- △ 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			37
38			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	±	±

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

DRN	D. EISENTRAUT	10-04-94	MATERIAL	-	HEAT TREAT	-
CR	L. SMITH	02-04-95	DATE	02-04-95	SCALE	1 OF 1
APD	L. SMITH	02-04-95	NAME	ENHANCED MICRO STRIP CABLE ASSEMBLY		
				50 Ohm - 36 POSITION WITH LATCH		
			SCALE	N/A	SIZE	A1
			DRAWING NO	C-621189		REV
						D

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LOC
DIST

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