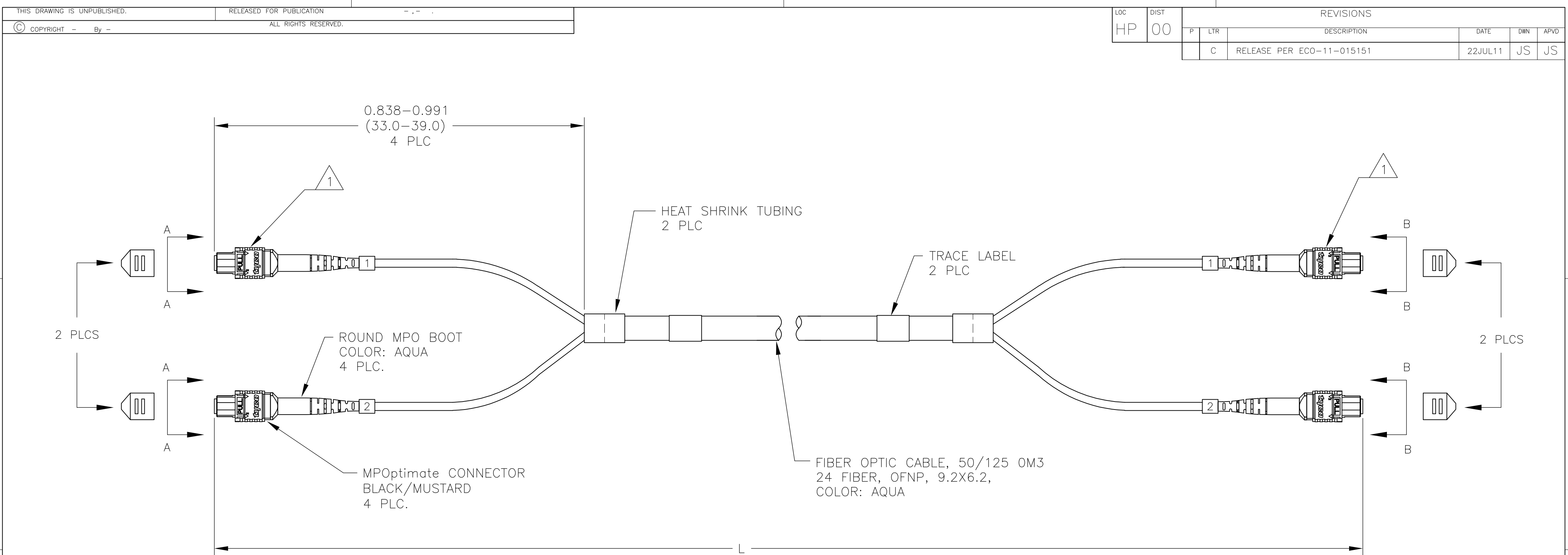
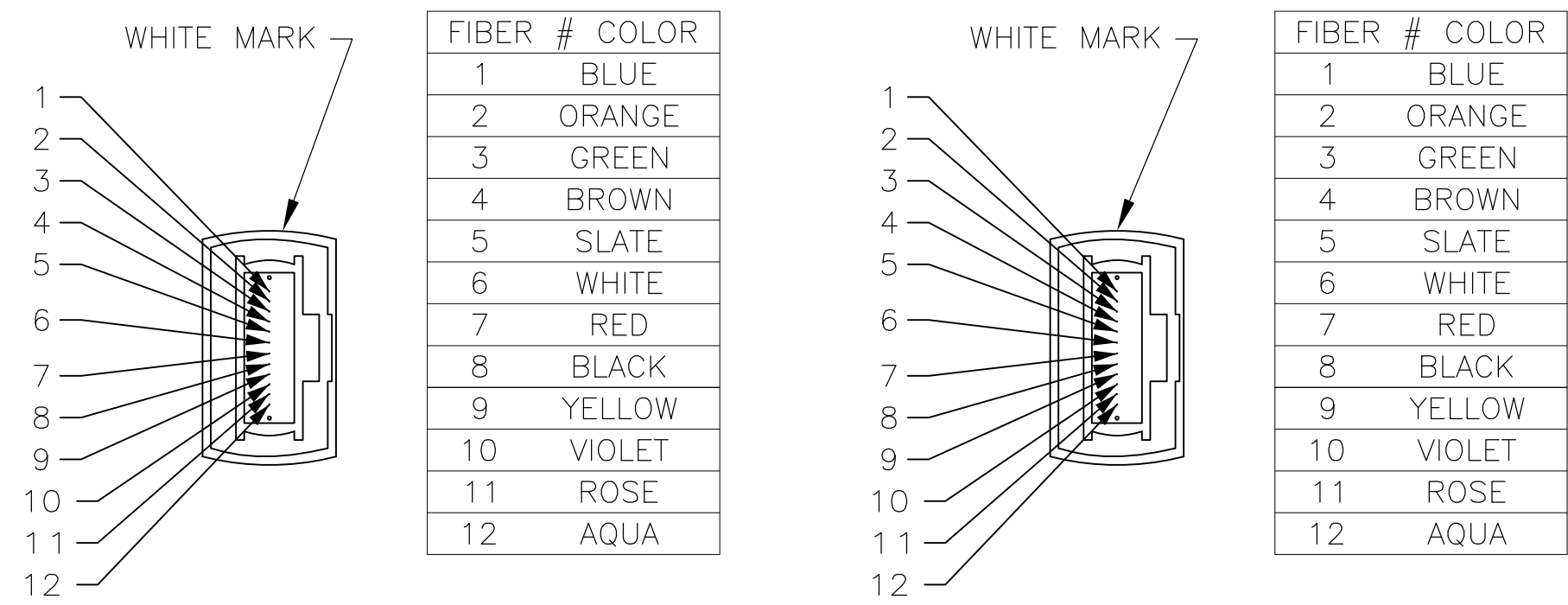




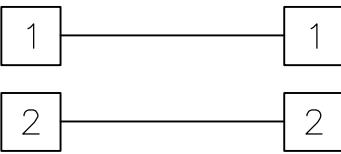
STRAIGHT THRU FIBER PATH



VIEW A-A
NOT TO SCALE

VIEW B-B
NOT TO SCALE

LIGHTRAY CONNECTOR
FIBER PATH



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	-
2 PLC	±	-
3 PLC	±	-
4 PLC	±	-
ANGLES	±	-
FINISH	-	-

FINISH

-

DWN
J. SHIPE
20OCT2009

CHK
J. SHIPE
20OCT2009

APVD
J. SHIPE
20OCT2009

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
CABLE ASSEMBLY, 50/125 OM3, 24 FIBER, OFNP
STRAIGHT THRU, MPOptimate TO MPOptimate

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1907881

RESTRICTED TO
-

SCALE
NTS

SHEET
1 of 3

REV
C

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
HP	00		—	SEE SHEET 1	—	—	—

PART NUMBER	L (METERS)	L (FEET)	MPO (NO PINS) BLACK/BEIGE		MPO (NO PINS) BLACK/BEIGE	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
1907881-1	3.048-3.353	10.00-11.00	0.51	28	0.51	28
1907881-2	6.096-6.706	20.00-22.00	0.52	28	0.52	28
1907881-3	9.144-9.754	30.00-32.00	0.53	28	0.53	28
1907881-4	12.192-12.802	40.00-42.00	0.54	28	0.54	28
1907881-5	15.240-15.850	50.00-52.00	0.55	28	0.55	28
1907881-6	18.288-18.898	60.00-62.00	0.56	28	0.56	28
1907881-7	21.336-21.946	70.00-72.00	0.57	28	0.57	28
1907881-8	24.384-24.994	80.00-82.00	0.58	28	0.58	28
1907881-9	27.432-28.042	90.00-92.00	0.59	28	0.59	28
1-1907881-0	30.480-31.394	100.00-103.00	0.60	28	0.60	28
1-1907881-1	33.528-34.442	110.00-113.00	0.61	28	0.61	28
1-1907881-2	36.576-37.490	120.00-123.00	0.62	28	0.62	28
1-1907881-3	39.624-40.538	130.00-133.00	0.63	28	0.63	28
1-1907881-4	42.672-43.586	140.00-143.00	0.64	28	0.64	28
1-1907881-5	45.720-46.634	150.00-153.00	0.65	28	0.65	28
1-1907881-6	48.768-49.682	160.00-163.00	0.66	28	0.66	28
1-1907881-7	51.816-52.730	170.00-173.00	0.67	28	0.67	28
1-1907881-8	54.864-55.778	180.00-183.00	0.68	28	0.68	28
1-1907881-9	57.912-58.826	190.00-193.00	0.69	28	0.69	28
2-1907881-0	60.960-62.179	200.00-204.00	0.70	28	0.70	28
2-1907881-1	64.008-65.227	210.00-214.00	0.71	28	0.71	28
2-1907881-2	67.056-68.275	220.00-224.00	0.72	28	0.72	28
2-1907881-3	70.104-71.323	230.00-234.00	0.73	28	0.73	28
2-1907881-4	73.152-74.371	240.00-244.00	0.74	28	0.74	28
2-1907881-5	76.200-77.419	250.00-254.00	0.75	28	0.75	28
2-1907881-6	79.248-80.467	260.00-264.00	0.76	28	0.76	28
2-1907881-7	82.296-83.515	270.00-274.00	0.77	28	0.77	28
2-1907881-8	85.344-86.563	280.00-284.00	0.78	28	0.78	28
2-1907881-9	88.392-89.611	290.00-294.00	0.79	28	0.79	28
3-1907881-0	91.440-93.269	300.00-306.00	0.80	28	0.80	28
3-1907881-1	94.488-96.378	310.00-316.20	0.81	28	0.81	28
3-1907881-2	97.536-99.487	320.00-326.40	0.82	28	0.82	28
3-1907881-3	100.584-102.596	330.00-336.60	0.83	28	0.83	28
3-1907881-4	103.632-105.705	340.00-346.80	0.84	28	0.84	28
3-1907881-5	106.680-108.814	350.00-357.00	0.85	28	0.85	28
3-1907881-6	109.728-111.923	360.00-367.20	0.86	28	0.86	28
3-1907881-7	112.776-115.032	370.00-377.40	0.87	28	0.87	28
3-1907881-8	115.824-118.140	380.00-387.60	0.88	28	0.88	28
3-1907881-9	118.872-121.249	390.00-397.80	0.89	28	0.89	28
4-1907881-0	121.920-124.358	400.00-408.00	0.90	28	0.90	28
4-1907881-1	124.968-127.467	410.00-418.20	0.91	28	0.91	28
4-1907881-2	128.016-130.576	420.00-428.40	0.92	28	0.92	28
4-1907881-3	131.064-133.685	430.00-438.60	0.93	28	0.93	28
4-1907881-4	134.112-136.794	440.00-448.80	0.94	28	0.94	28
4-1907881-5	137.160-139.903	450.00-459.00	0.95	28	0.95	28
4-1907881-6	140.208-143.012	460.00-469.20	0.96	28	0.96	28
4-1907881-7	143.256-146.121	470.00-479.40	0.97	28	0.97	28
4-1907881-8	146.304-149.230	480.00-489.60	0.98	28	0.98	28
4-1907881-9	149.352-152.339	490.00-499.80	0.99	28	0.99	28
5-1907881-0	152.400-155.448	500.00-510.00	1.00	28	1.00	28

- 1 WHITE MARK ON CONNECTOR BODY INDICATES FIBER ONE SIDE.
- 2 PROTECTIVE COVERS ARE INSTALLED OVER MPO CONNECTORS AFTER TESTING. (DO NOT PULL ON PROTECTIVE COVERS)
- 3 PULLING SOCK IS INSTALLED OVER MPO PROTECTIVE COVER ON THE END ON THE OUTSIDE OF REEL ONLY (-5 & ABOVE ONLY).
4. CABLE ASSEMBLIES TESTED AT 850nm.
5. A COPY OF TEST DATA WILL BE PLACED INSIDE OR WITH THE UNIT PACKAGE.
6. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TE STANDARD TEC-138-702.
7. MAXIMUM CONNECTOR INSERTION LOSS IS 0.50dB PLUS CABLE LOSS OF 3.2dB/km WHEN TESTED AT 850nm AND 1.2dB/km WHEN TESTED AT 1300nm.
8. MINIMUM CONNECTOR RETURN LOSS IS 28dB WHEN TESTED AT 850nm OR 1300nm.

PER SPECIFICATION 107-1645-1

TE BAR CODE

XXXXXXXXXXXXXXXXXX

MADE IN XXXX

X-XXXXXXXX-X

COUNTRY OF ORIGIN

TE TRACE # - HUMAN READABLE

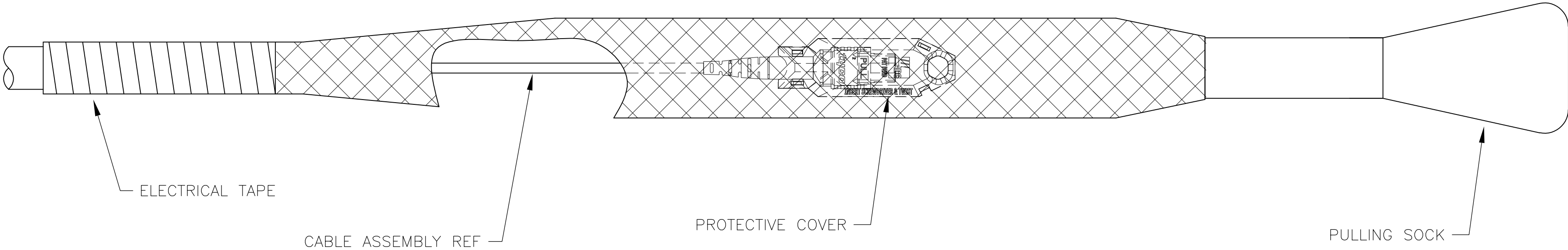
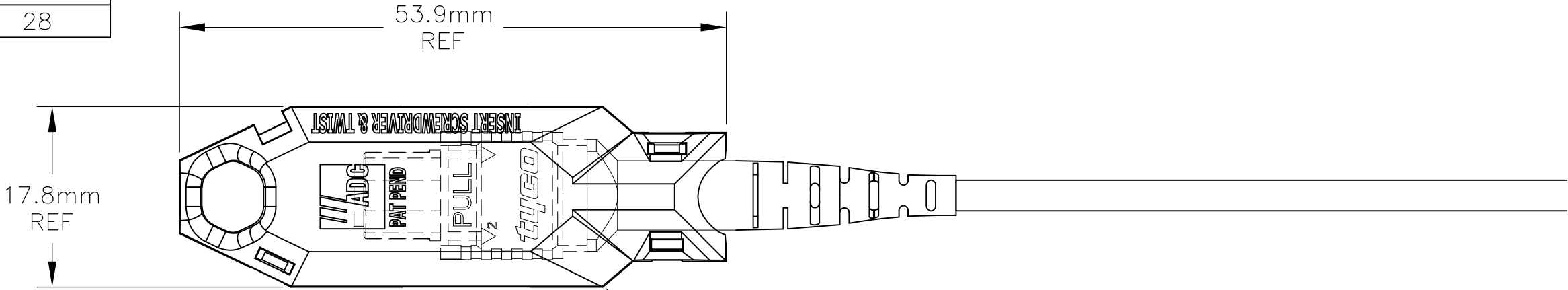
TE PART NO.

TRACE LABEL DETAIL

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN	20OCT2009	TE Connectivity			
			J. SHIPE	20OCT2009				
			CHK	J. SHIPE	NAME CABLE ASSEMBLY, 50/125 OM3, 24 FIBER, OFNP, STRAIGHT THRU, MPOptimate TO MPOptimate			
			APVD	J. SHIPE				
			PRODUCT SPEC					
			APPLICATION SPEC					
					SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			WEIGHT		A2	00779	C=1907881	-
			CUSTOMER DRAWING			SCALE	SHEET	REV
						NTS	2 of 3	C

LOC	DIST	REVISIONS					
HP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—

PART NUMBER	L (METERS)	L (FEET)	MPO (NO PINS) BLACK/MUSTARD		MPO (NO PINS) BLACK/MUSTARD	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
5-1907881-1	160.020-163.220	525.00-535.50	1.02	28	1.02	28
5-1907881-2	167.640-170.993	550.00-561.00	1.05	28	1.05	28
5-1907881-3	175.260-178.765	575.00-586.50	1.07	28	1.07	28
5-1907881-4	182.880-186.538	600.00-612.00	1.10	28	1.10	28
5-1907881-5	190.500-194.310	625.00-637.50	1.12	28	1.12	28
5-1907881-6	198.120-202.082	650.00-663.00	1.15	28	1.15	28
5-1907881-7	205.740-209.855	675.00-688.50	1.17	28	1.17	28
5-1907881-8	213.360-217.627	700.00-714.00	1.20	28	1.20	28
5-1907881-9	220.980-225.400	725.00-739.50	1.22	28	1.22	28
6-1907881-0	228.600-233.172	750.00-765.00	1.25	28	1.25	28
6-1907881-1	236.220-240.944	775.00-790.50	1.27	28	1.27	28
6-1907881-2	243.840-248.717	800.00-816.00	1.30	28	1.30	28
6-1907881-3	251.460-256.489	825.00-841.50	1.32	28	1.32	28
6-1907881-4	259.080-264.262	850.00-867.00	1.35	28	1.35	28
6-1907881-5	266.700-272.034	875.00-892.50	1.37	28	1.37	28
6-1907881-6	274.320-279.806	900.00-918.00	1.40	28	1.40	28
6-1907881-7	281.940-287.579	925.00-943.50	1.42	28	1.42	28
6-1907881-8	289.560-295.351	950.00-969.00	1.45	28	1.45	28
6-1907881-9	297.180-303.124	975.00-994.50	1.47	28	1.47	28
7-1907881-0	304.800-310.896	1000.00-1020.00	1.49	28	1.49	28



3 PULLING SOCK
TOP END

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	J. SHIPE	200CT2009	TE Connectivity		
DIMENSIONS: INCHES		CHK	J. SHIPE	200CT2009			
		APVD	J. SHIPE	200CT2009	NAME		
		PRODUCT SPEC			CABLE ASSEMBLY, 50/125 OM3, 24 FIBER, OFNP, STRAIGHT THRU, MPO TO MPO		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC			SIZE	CAGE CODE	DRAWING NO
0 PLC ± -		WEIGHT -			A2	00779	C=1907881
1 PLC ± -		CUSTOMER DRAWING			RESTRICTED TO		
2 PLC ± -		SCALE NTS			SHEET 3 of 3		
3 PLC ± -		REV C					
4 PLC ± -							
ANGLES ± -							
FINISH -							