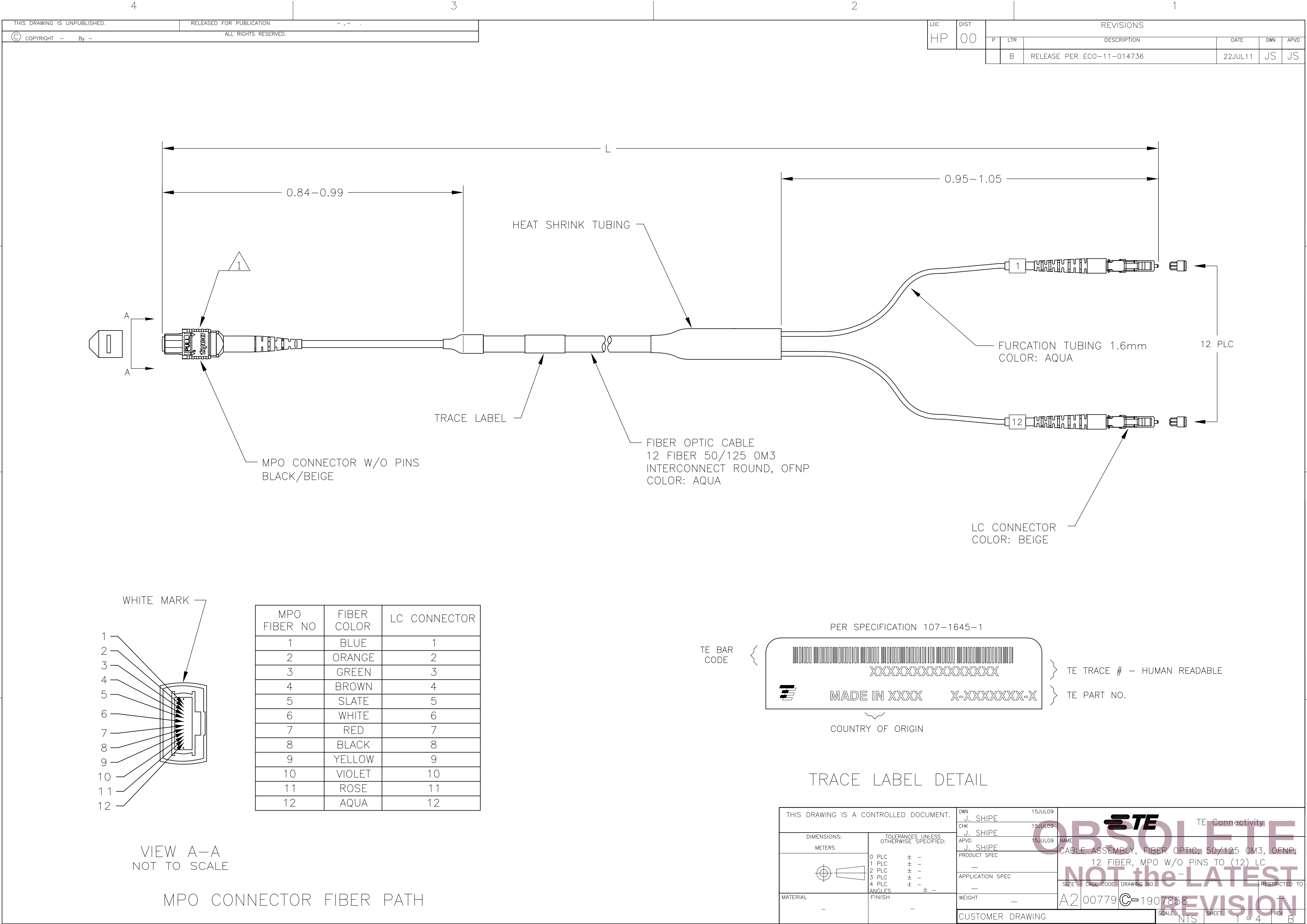




MPO FIBER NO	FIBER COLOR	LC CONNECTOR
1	BLUE	1
2	ORANGE	2
3	GREEN	3
4	BROWN	4
5	SLATE	5
6	WHITE	6
7	RED	7
8	BLACK	8
9	YELLOW	9
10	VIOLET	10
11	ROSE	11
12	AQUA	12

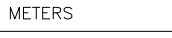
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. SHIPE 15JUL09	 TE Connectivity			
DIMENSIONS: METERS		CHK J. SHIPE 15JUL09				
		APVD J. SHIPE 15JUL09				
		PRODUCT SPEC				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	CABLE ASSEMBLY, FIBER OPTIC, 50/125 OM3, OFNP, 12 FIBER, MPO W/O PINS TO (12) LC			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL	FINISH	WEIGHT	A2	00779	C=1907858	
		CUSTOMER DRAWING	SCALE		NTS	SHEET 1 of 4 REV B

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

PART NUMBER	L (METERS)	LENGTH (FEET)	MPO (NO PINS) BLACK/BEIGE		LC – BLUE	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
1907858-1	3.048-3.353	10.00-11.00	0.71	23	0.51	—
1907858-2	6.096-6.706	20.00-22.00	0.72	23	0.52	—
1907858-3	9.144-9.754	30.00-32.00	0.73	23	0.53	—
1907858-4	12.192-12.802	40.00-42.00	0.74	23	0.54	—
1907858-5	15.240-15.850	50.00-52.00	0.75	23	0.55	—
1907858-6	18.288-18.898	60.00-62.00	0.76	23	0.56	—
1907858-7	21.336-21.946	70.00-72.00	0.77	23	0.57	—
1907858-8	24.384-24.994	80.00-82.00	0.78	23	0.58	—
1907858-9	27.432-28.042	90.00-92.00	0.79	23	0.59	—
1-1907858-0	30.480-31.394	100.00-103.00	0.80	23	0.60	—
1-1907858-1	33.528-34.442	110.00-113.00	0.81	23	0.61	—
1-1907858-2	36.576-37.490	120.00-123.00	0.82	23	0.62	—
1-1907858-3	39.624-40.538	130.00-133.00	0.83	23	0.63	—
1-1907858-4	42.672-43.586	140.00-143.00	0.84	23	0.64	—
1-1907858-5	45.720-46.634	150.00-153.00	0.85	23	0.65	—
1-1907858-6	48.768-49.682	160.00-163.00	0.86	23	0.66	—
1-1907858-7	51.816-52.730	170.00-173.00	0.87	23	0.67	—
1-1907858-8	54.864-55.778	180.00-183.00	0.88	23	0.68	—
1-1907858-9	57.912-58.826	190.00-193.00	0.89	23	0.69	—
2-1907858-0	60.960-62.179	200.00-204.00	0.90	23	0.70	—
2-1907858-1	64.008-65.227	210.00-214.00	0.90	23	0.70	—
2-1907858-2	67.056-68.275	220.00-224.00	0.91	23	0.71	—
2-1907858-3	70.104-71.323	230.00-234.00	0.92	23	0.72	—
2-1907858-4	73.152-74.371	240.00-244.00	0.93	23	0.73	—
2-1907858-5	76.200-77.419	250.00-254.00	0.94	23	0.74	—
2-1907858-6	79.248-80.467	260.00-264.00	0.95	23	0.75	—
2-1907858-7	82.296-83.515	270.00-274.00	0.96	23	0.76	—
2-1907858-8	85.344-86.563	280.00-284.00	0.97	23	0.77	—
2-1907858-9	88.392-89.611	290.00-294.00	0.98	23	0.78	—
3-1907858-0	91.440-93.269	300.00-306.00	0.99	23	0.79	—
3-1907858-1	94.488-96.378	310.00-316.20	1.00	23	0.80	—
3-1907858-2	97.536-99.487	320.00-326.40	1.01	23	0.81	—
3-1907858-3	100.584-102.596	330.00-336.60	1.02	23	0.82	—
3-1907858-4	103.632-105.705	340.00-346.80	1.03	23	0.83	—
3-1907858-5	106.680-108.814	350.00-357.00	1.04	23	0.84	—
3-1907858-6	109.728-111.923	360.00-367.20	1.05	23	0.85	—
3-1907858-7	112.776-115.032	370.00-377.40	1.06	23	0.86	—
3-1907858-8	115.824-118.140	380.00-387.60	1.07	23	0.87	—
3-1907858-9	118.872-121.249	390.00-397.80	1.08	23	0.88	—
4-1907858-0	121.920-124.358	400.00-408.00	1.09	23	0.89	—
4-1907858-1	124.968-127.467	410.00-418.20	1.10	23	0.90	—
4-1907858-2	128.016-130.576	420.00-428.40	1.11	23	0.91	—
4-1907858-3	131.064-133.685	430.00-438.60	1.12	23	0.92	—
4-1907858-4	134.112-136.794	440.00-448.80	1.13	23	0.93	—
4-1907858-5	137.160-139.903	450.00-459.00	1.14	23	0.94	—
4-1907858-6	140.208-143.012	460.00-469.20	1.15	23	0.95	—

1. WHITE MARK ON CONNECTOR BODY INDICATES FIBER ONE SIDE.
2. CABLE ASSEMBLIES TESTED AT 850nm.
3. PULLING SOCK IS INSTALLED ON THE MPO END OF CABLE ASSEMBLY FOR -4 AND LONGER ASSEMBLIES. THE MPO END IS ON TOP OF THE REEL IF A REEL IS USED.
4. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TE STANDARD TEC-138-702.
5. MAXIMUM CONNECTOR INSERTION LOSS IS 0.70dB FOR MPO END AND 0.50B FOR LC END PLUS CABLE LOSS OF 3.2dB/km WHEN TESTED AT 850nm.
6. MINIMUM CONNECTOR RETURN LOSS IS 23dB FOR MPO END WHEN TESTED AT 850Nm.
7. A COPY OF TEST DATA WILL BE PLACED INSIDE OR WITH THE UNIT PACKAGE.

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN J. SHIPE 15/JUL/09 CHK J. SHIPE 15/JUL/09 APVD J. SHIPE 15/JUL/09		 TE Connectivity							
DIMENSIONS: METERS		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME								
		0 PLC ± .		CABLE ASSEMBLY, FIBER OPTIC, 50/125 OM3, OFNP, 12 FIBER, MPO W/O PINS TO (12) LC								
		1 PLC ± .		—								
		2 PLC ± .		—								
		3 PLC ± .		—								
4 PLC ± .		ANGLES ± .		APPLICATION SPEC								
MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE	DRAWING NO		RESTRICTED TO	
—		—		—		A2		00779	G-1907858		—	
CUSTOMER DRAWING								SCALE		SHEET		REV
								NTS		2 of 4		B

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

PART NUMBER	L (METERS)	LENGTH (FEET)	MPO (NO PINS) BLACK/BEIGE		LC - BLUE	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
5-1907858-1	17.069-17.678	56.0-58.0	0.75	23	0.55	-
5-1907858-2	55.169-56.032	181.0-184.0	0.88	23	0.68	-
5-1907858-3	52.121-53.035	171.0-174.0	0.87	23	0.67	-
5-1907858-4	70.713-71.933	232.0-236.0	0.93	23	0.73	-
5-1907858-5	39.929-40.843	131.0-134.0	0.83	23	0.63	-
5-1907858-6	44.196-45.110	145.0-148.0	0.84	23	0.64	-
5-1907858-7	47.244-48.158	155.0-158.0	0.85	23	0.65	-
7-1907858-1	28.042-28.651	92.0-94.0	0.79	23	0.59	-
7-1907858-2	32.004-32.918	105.0-108.0	0.80	23	0.60	-
7-1907858-3	34.138-35.052	112.0-115.0	0.81	23	0.61	-
7-1907858-4	20.723-21.336	68.0-70.0	0.77	23	0.57	-
7-1907858-5	16.154-16.764	53.0-55.0	0.75	23	0.55	-
7-1907858-6	21.031-21.641	69.0-71.0	0.76	23	0.56	-
7-1907858-7	23.165-23.774	76.0-78.0	0.77	23	0.57	-
7-1907858-8	26.213-26.822	86.0-88.0	0.78	23	0.58	-
7-1907858-9	31.090-32.004	102.0-105.0	0.80	23	0.60	-
8-1907858-0	35.052-35.996	115.0-118.1	0.81	23	0.61	-
8-1907858-1	38.100-39.014	125.0-128.0	0.82	23	0.62	-
8-1907858-2	2.438-3.048	8.0-10.0	0.71	23	0.51	-
8-1907858-3	13.106-13.716	43.0-45.0	0.74	23	0.54	-
8-1907858-4	20.117-20.726	66.0-68.0	0.76	23	0.56	-
8-1907858-5	21.946-22.555	72.0-74.0	0.77	23	0.57	-
8-1907858-6	22.860-23.470	75.0-77.0	0.77	23	0.57	-
8-1907858-7	24.079-24.689	79.0-81.0	0.78	23	0.58	-
8-1907858-8	24.994-25.603	82.0-84.0	0.78	23	0.58	-
8-1907858-9	28.956-29.566	95.0-97.0	0.79	23	0.59	-
9-1907858-0	29.870-30.480	98.0-100.0	0.80	23	0.60	-
9-1907858-1	31.669-32.614	103.9-107.0	0.80	23	0.60	-
9-1907858-2	32.918-33.833	108.0-111.0	0.81	23	0.61	-
9-1907858-3	10.058-10.668	33.0-35.0	0.73	23	0.53	-
9-1907858-4	10.973-11.582	36.0-38.0	0.74	23	0.54	-
9-1907858-5	14.021-14.630	46.0-48.0	0.74	23	0.54	-
9-1907858-6	14.935-15.545	49.0-51.0	0.75	23	0.55	-
9-1907858-7	19.202-19.812	63.0-65.0	0.76	23	0.56	-
9-1907858-8	25.908-26.518	85.0-87.0	0.78	23	0.58	-
9-1907858-9	41.148-42.062	135.0-138.0	0.83	23	0.63	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
METERS

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

-

DWN
J. SHIPE
15JUL09

CHK
J. SHIPE
15JUL09

APVD
J. SHIPE
15JUL09

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME

CABLE ASSEMBLY, FIBER OPTIC, 50/125 OM3, OFNP, 12 FIBER, MPO W/O PINS TO (12) LC

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1907858

RESTRICTED TO

-

SCALE

NTS

SHEET

3 OF 4

REV

B

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

D

C

B

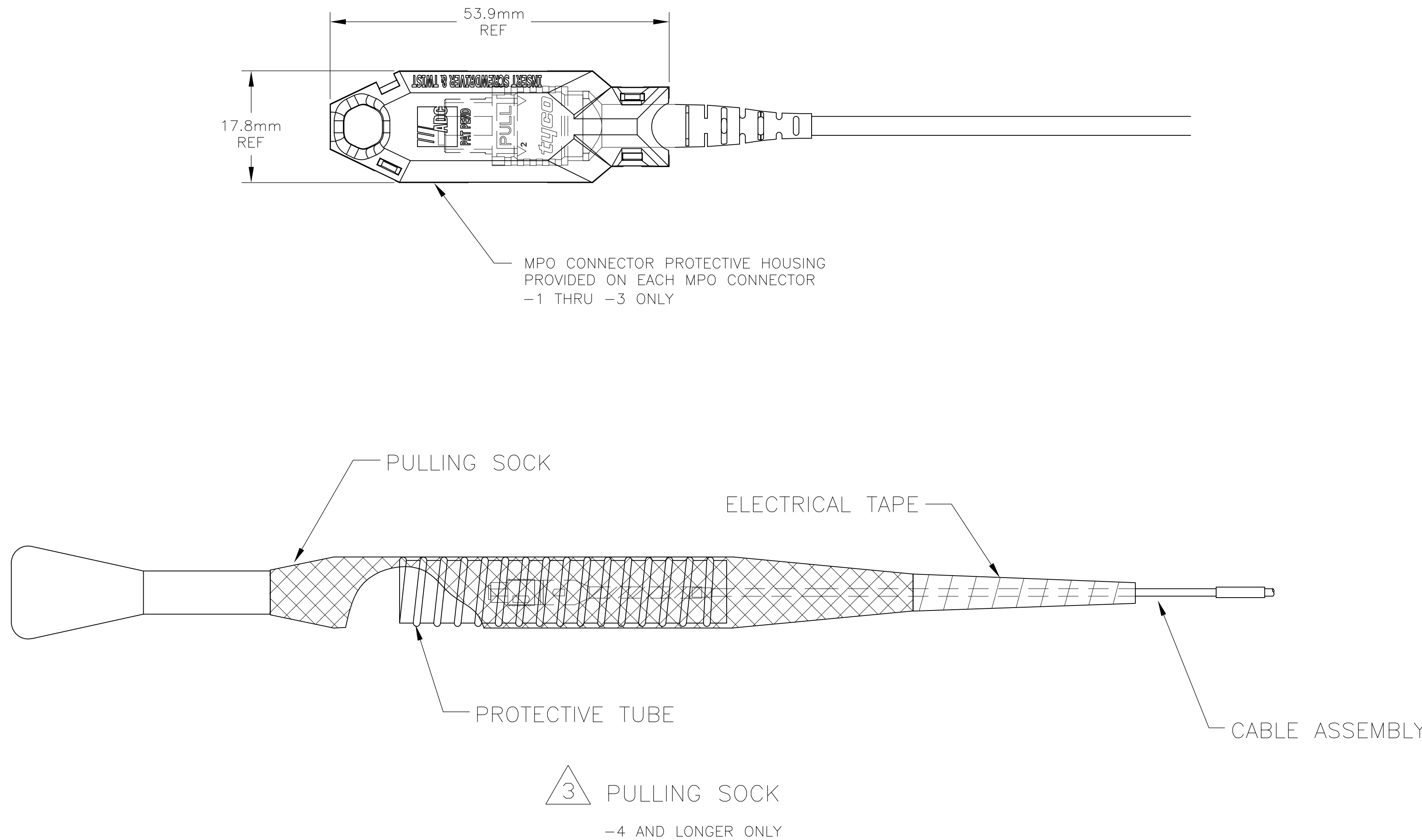
A

D

C

B

A



1907858

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. SHIPE 15JUL09		 TE Connectivity	
		CHK J. SHIPE 15JUL09			
DIMENSIONS: METERS		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
	0 PLC ± -		APVD J. SHIPE 15JUL09		CABLE ASSEMBLY, FIBER OPTIC, 50/125 OM3, OFNP, 12 FIBER, MPO W/O PINS TO (12) LC
	1 PLC ± -		PRODUCT SPEC		
	2 PLC ± -		—		
	3 PLC ± -		APPLICATION SPEC		
	4 PLC ± -		—		SIZE
MATERIAL	FINISH	WEIGHT —		CAGE CODE	
—	—			DRAWING NO	
		CUSTOMER DRAWING		RESTRICTED TO	
				A2 00779 C=1907858	
				SCALE NTS	
				SHEET 4 of 4	
				REV B	