



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

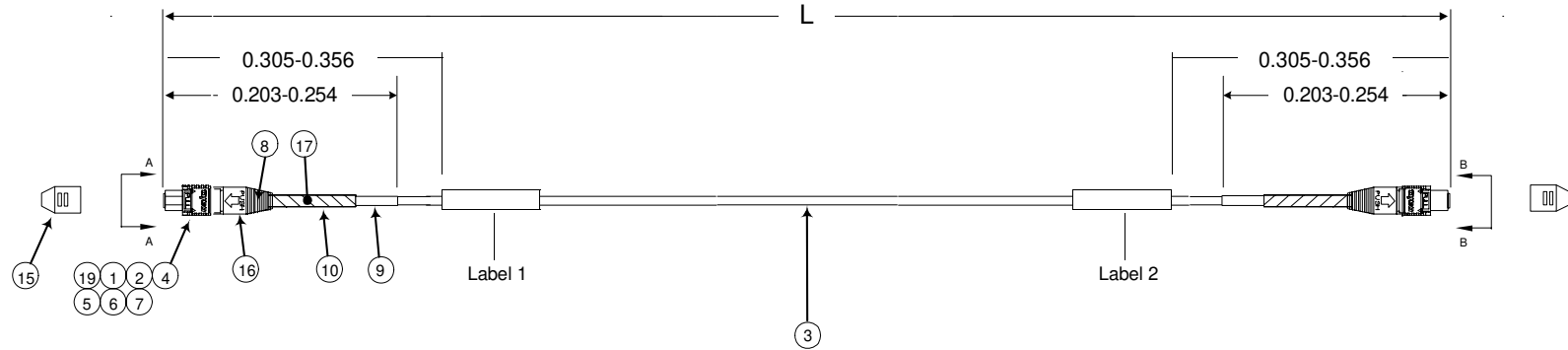
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Restricted to: General Release

USED ON



Left Side

Connector(s): MPO (No Pins)
 Mode: MM
 Housing Color: Black
 Geom. Spec: N/A

Right Side

Connector(s): MPO (No Pins)
 Mode: MM
 Housing Color: Black
 Geom. Spec: N/A

Notes:

- 1 Product and Processing must meet requirements of Tyco Electronics Standard 230-702
- 2 A copy of test data will be placed inside or with the unit package.
- 3 Label 2 will not be present on any cable assembly less than 5 meters long.
- 4 The cable meets or exceeds the requirements of GR-409-CORE for both RISER and PLENUM applications.
- 5 The cable meets or exceeds the UL requirements for both RISER and PLENUM applications.

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LOC
 CE
 DIST
 16

A	Rev Per EC#	RELEASED	6/13/2006	-	DF		
P	LTR	REVISION RECORDED	DATE	DIN	APVD		

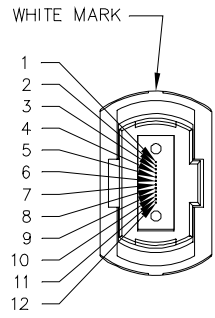
DIMENSIONS:
meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

Ø	PLC	±	-
□	PLC	±	-
□	PLC	±	-
□	PLC	±	-
□	PLC	±	-

Customer Print

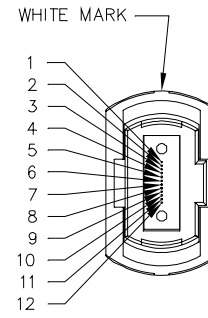
D/W	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Dave Fennell	Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD	Dave Fennell				
NAME	FO C/A - 12 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
SCALE	NTS	SIZE	A2	DRAWING NO	C- 5492105
SHEET	1 of 4	REV	A		



View A-A
Not to Scale

Pairs Flipped

A-A Fiber Color	Connector Position #	B-B Fiber Color
Blue	1	Orange
Orange	2	Blue
Green	3	Brown
Brown	4	Green
Slate	5	White
White	6	Slate
Red	7	Black
Black	8	Red
Yellow	9	Violet
Violet	10	Yellow
Rose	11	Aqua
Aqua	12	Rose



View B-B
Not to Scale

Lightray Connector Fiber Path



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LOC
CE
DIST
16

A	Rev Per EC#	RELEASED	6/13/2006	-	DF
P	LTR	REVISION RECORD	DATE	DIN	APVD

DIMENSIONS: meters		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 P.L.C.	±	0 P.L.C.	±
1 P.L.C.	±	1 P.L.C.	±
2 P.L.C.	±	2 P.L.C.	±
3 P.L.C.	±	3 P.L.C.	±
4 P.L.C.	±	4 P.L.C.	±

DIN Cable Assy Configurator	MATERIAL	HEAT TREAT		
CHK Dave Fennell	-	-		
APVD Dave Fennell	Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
DNAME FO C/A - 12 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
SCALE NTS	SIZE A2	DRAWING NO C- 5492105	SHEET 2 of 4	REV A

Restricted to: General Release

USED ON

Part #	L (meters)	L (feet)	MPO (No Pins), Black		MPO (No Pins), Black	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-5492105-1	3.000 - 3.305	9.84 - 10.84	0.75	-	0.75	-
0-5492105-2	10.000 - 10.610	32.80 - 34.80	0.77	-	0.77	-
0-5492105-3	20.000 - 20.610	65.61 - 67.61	0.78	-	0.78	-
0-5492105-4	30.000 - 30.610	98.42 - 100.42	0.8	-	0.8	-
0-5492105-5	100.000 - 102.000	328.08 - 334.64	0.9	-	0.9	-
0-5492105-6	300.000 - 306.000	984.25 - 1003.93	1.2	-	1.2	-
0-5492105-7	15.000 - 15.610	49.21 - 51.21	0.77	-	0.77	-
0-5492105-8	50.000 - 50.914	164.04 - 167.04	0.83	-	0.83	-
0-5492105-9	150.000 - 153.000	492.12 - 501.96	0.98	-	0.98	-
1-5492105-0	200.000 - 204.000	656.16 - 669.29	1.05	-	1.05	-
1-5492105-1	21.300 - 21.910	69.88 - 71.88	0.78	-	0.78	-
1-5492105-2	1.000 - 1.305	3.28 - 4.28	0.75	-	0.75	-
1-5492105-3	60.900 - 61.814	199.80 - 202.80	0.84	-	0.84	-
1-5492105-4	30.500 - 31.414	100.06 - 103.06	0.8	-	0.8	-
1-5492105-5	38.100 - 39.014	125.00 - 128.00	0.81	-	0.81	-
1-5492105-6	45.700 - 46.614	149.93 - 152.93	0.82	-	0.82	-
1-5492105-7	53.300 - 54.214	174.86 - 177.86	0.83	-	0.83	-
1-5492105-8	91.400 - 92.619	299.86 - 303.86	0.89	-	0.89	-
1-5492105-9	6.000 - 6.305	19.68 - 20.68	0.76	-	0.76	-
2-5492105-0	8.000 - 8.610	26.24 - 28.24	0.76	-	0.76	-
2-5492105-1	23.000 - 23.610	75.45 - 77.45	0.78	-	0.78	-
2-5492105-2	27.000 - 27.610	88.58 - 90.58	0.79	-	0.79	-
2-5492105-3	33.000 - 33.914	108.26 - 111.26	0.8	-	0.8	-
2-5492105-4	43.000 - 43.914	141.07 - 144.07	0.81	-	0.81	-
2-5492105-5	7.620 - 8.230	25.00 - 27.00	0.76	-	0.76	-
2-5492105-6	9.140 - 9.750	29.98 - 31.98	0.76	-	0.76	-
2-5492105-7	12.190 - 12.800	39.99 - 41.99	0.77	-	0.77	-
2-5492105-8	32.000 - 32.914	104.98 - 107.98	0.8	-	0.8	-
2-5492105-9	35.050 - 35.964	114.99 - 117.99	0.8	-	0.8	-
3-5492105-0	15.240 - 15.850	50.00 - 52.00	0.77	-	0.77	-
3-5492105-1	73.150 - 74.369	239.99 - 243.99	0.86	-	0.86	-
3-5492105-2	76.200 - 77.419	250.00 - 254.00	0.86	-	0.86	-
3-5492105-3	79.250 - 80.469	260.00 - 264.00	0.87	-	0.87	-
3-5492105-4	82.290 - 83.509	269.98 - 273.98	0.87	-	0.87	-
3-5492105-5	85.340 - 86.559	279.98 - 283.98	0.88	-	0.88	-

Qty	U of M	Description	Item No.
2	piece	Mini boot, 12 fiber	1
2	piece	Pin Holder w/out Pins	2
AR	meter	12 Fiber, 62.5/125, 7.8mm, CLT, Orange, OFNR/OFNP	3
2	piece	Connector Housing	4
2	piece	Spring	5
2	piece	Spring Retainer	6
2	piece	Crimp Ring	7
2	piece	Construction tape	8
3	piece	Heat Shrink Tubing	9
2	piece	Spirap 5.5"	10
1	piece	Pulling Sock	11
2	piece	Protective Tube	12
1	piece	Caution Label	13
1	piece	Braided Sleeve	14
2	piece	Dust Cover	15
2	piece	Boot, MPO - Black	16
0.378	meters	Oval Tube, Orange	17
0.2	RL	Electrical Tape	18
2	piece	Ferrule, MT, MM, 12 Fiber	19
3	piece	Trace Label	20

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LOC
CE
DIST
16

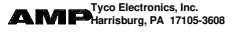
A	Rev Per EC#	RELEASED	6/13/2006	-	DF				
P	LTR	REVISION RECORD	DATE	DN	APVD				

DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 P.L.C. ± .005
1 P.L.C. ± .005
2 P.L.C. ± .005
3 P.L.C. ± .005
4 P.L.C. ± .005

Customer Print

DWN Cable Assy Configurator	MATERIAL -	HEAT TREAT -
CHK Dave Fennell	 Tyco Electronics, Inc. Harrisburg, PA 17105-3608	
APVD Dave Fennell		
NAME FO C/A - 12 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)		
SCALE NTS	SIZE A2	DRAWING NO C- 5492105
		SHEET 3 of 4
		REV A

8 7 6 5 4 3 2 1

Label 1

Per specification 107-1645-1



Trace # - Bar Code
Trace # - Human Readable
Part Number
Country of Origin

This label is used on all lengths on this drawing.

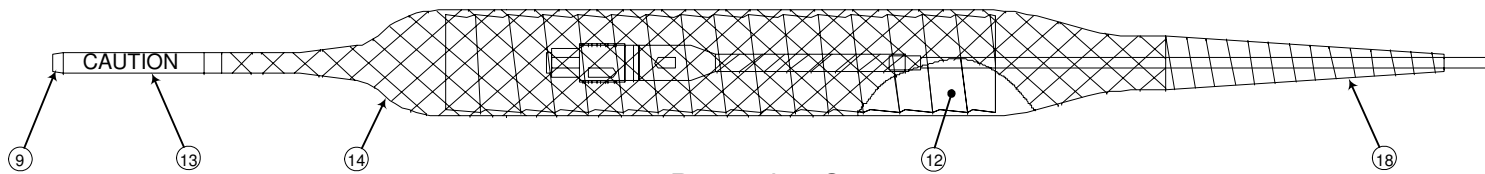
Label 2

Per specification 107-1645-1

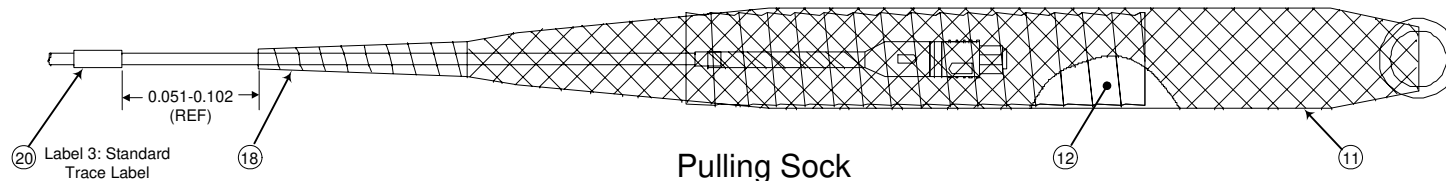


Trace # - Bar Code
Trace # - Human Readable
Part Number
Country of Origin

This label is used on all lengths on this drawing.



Protective Cover
Bottom End



Pulling Sock
Top End

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LOC
CE
DIST
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CAC Customer Layout Rev: D

A	Rev Per EC#	RELEASED	6/13/2006	-	DF		
P	LTR	REVISION RECORD	DATE	DIN	APVD		

DIMENSIONS:
meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

Ø	PLC	±	-
	PLC	±	-
	PLC	±	-
	PLC	±	-
	PLC	±	-

Customer Print

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Dave Fennell				
APVD	Dave Fennell				
NAME	FO C/A - 12 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
SCALE	NTS	SIZE	A2	DRAWING NO	C- 5492105
				SHEET	4 of 4
				REV	A