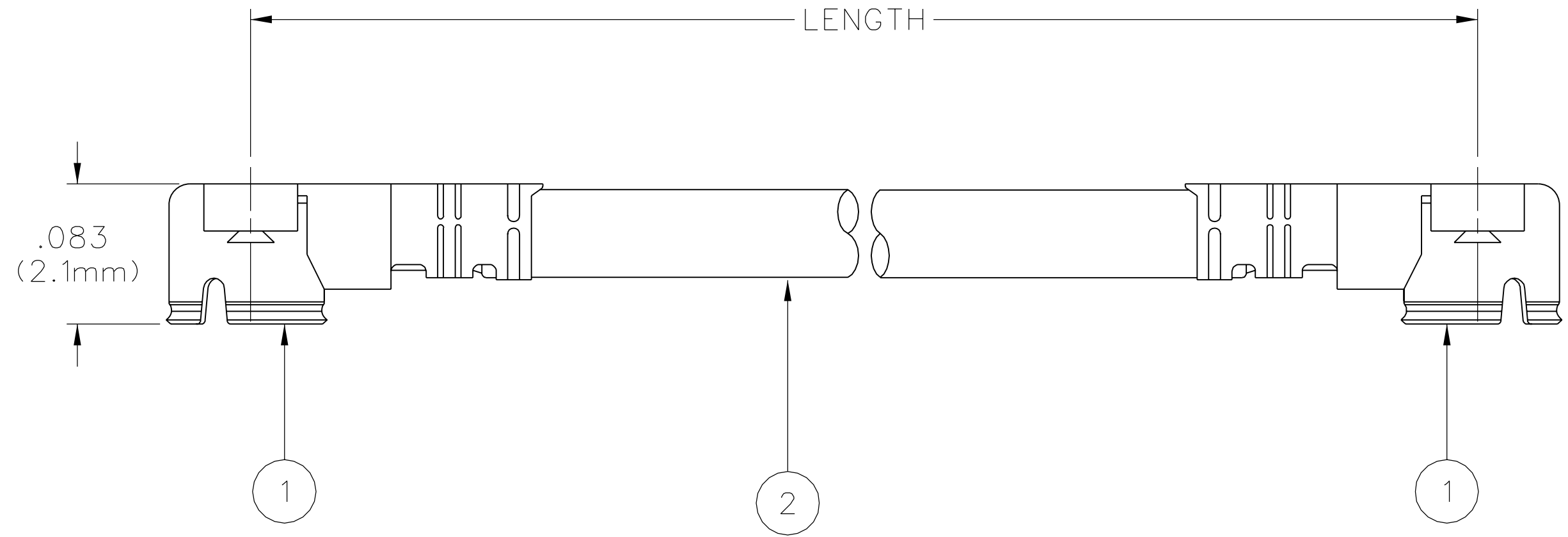


PART NUMBER	LENGTH		ITEM ①	ITEM ②
	INCH	mm	UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	CABLE
415-0087-050	1.97±.16	50±4	BODY - COPPER ALLOY - GOLD PLATED	FIRST SHIELD - SILVER PLATED ANNEALED COPPER WIRE
415-0087-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	SECOND SHIELD - SILVER PLATED ANNEALED COPPER WIRE
415-0087-150	5.91±.16	150±4	INSULATOR - PBT - BLACK, UL94V-0	DIELECTRIC - FEP
415-0087-200	7.87±.16	200±4		CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#32 (7/.003)
415-0087-250	9.84±.31	250±8		JACKET - FEP - BLACK
415-0087-300	11.81±.31	300±8		
415-0087-500	19.69±.31	500±8		



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.30 MAX AT 0-3 GHz
1.50 MAX AT 3-6 GHz

WITHSTANDING VOLTAGE: 200 V AC
INSULATION RESISTANCE: 500 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - 20 MILLI-OHMS MAX
OUTER CONDUCTOR - 20 MILLI-OHMS MAX

MECHANICAL:

COMPATIBILITY: MATES WITH U.FL SERIES
HOLDING FORCE (MIN): 0.15 N (FEMALE CONTACT)
DURABILITY: 30 CYCLES

ENVIRONMENTAL:

TEMPERATURE RANGE: -40°C TO +90°C

DRAWING NO.
B- 415-0087-001/999

0 REVISIONS

ENGINEERING RELEASE

1	10-23-06	P A T	S B D	R J B	P D W	12-20-06	ECN 50729
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.082 WAS .083, INSULATOR: BLACK WAS WHITE

* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *

1a	1-11-07	P A T	S B D	R J B	M J U	J C N	2-8-07	ECN 50908
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VERSION UPDATE

* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *

1b	2-26-07	P A T	S B D	R J B	M J U	J C N	4-23-07	ECN 50952
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ADD MEDIUM PROFILE TO ITEM 1 BLOCK
CHANGE BODY MATERIAL TO COPPER ALLOY
CHANGE CONTACT MATERIAL TO COPPER ALLOY
CHANGE INSULATOR MATERIAL TO PBT
ADD TEXT SECOND SHIELD - SILVER PLATED ANNEALED COPPER WIRE
CHANGE CONTACT HEIGHT TO .083

1c	2-7-11	M S	S D J	R J B	M S		2-7-11	ECO 52914
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CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY PAT	DATE 5-23-06	 Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256		
DECIMALS	mm					
.XX	_____	CHECKED BY RJB	DATE 12-13-06	TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .052 (1.32mm) CABLE O.D.		
.XXX ±.004	_____					
MATL _____		APPROVED BY PDW	DATE 12-19-06	SHEET 2 OF 2		
FINISH _____						
		RELEASE DATE 12-20-06		DRAWING NO. B- 415-0087-001/999		
		U/M INCH	SCALE 10:1			

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