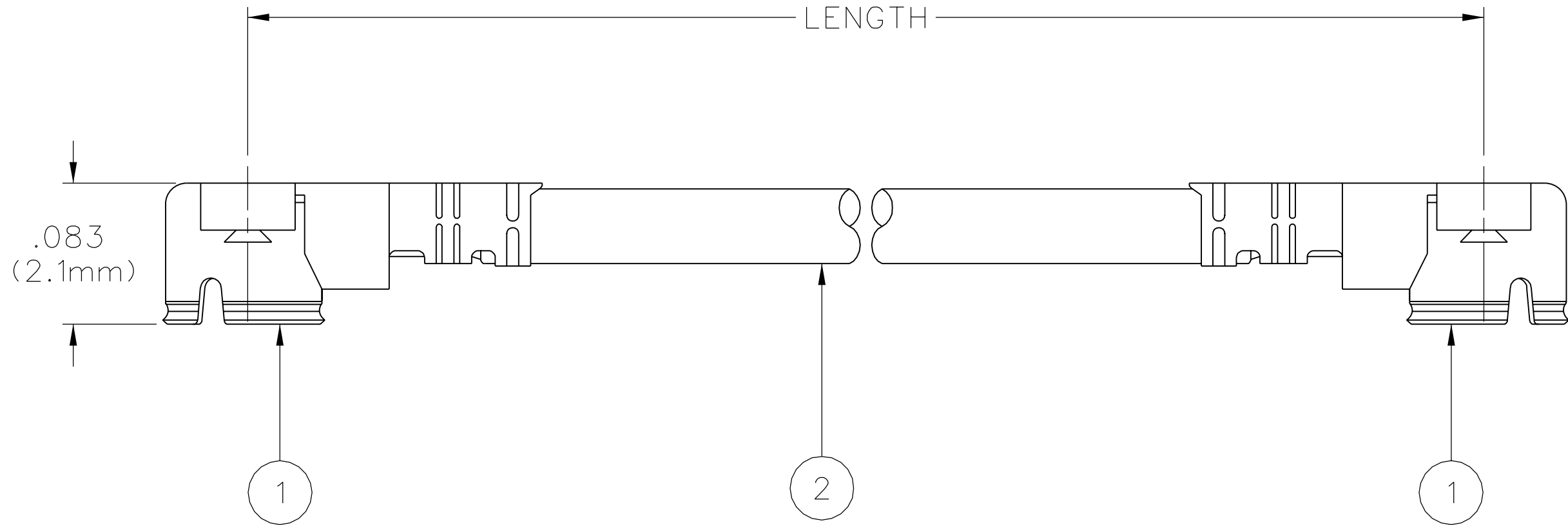


PART NUMBER	LENGTH		ITEM ①	ITEM ②
	INCH	mm	UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	CABLE
415-0086-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE
415-0086-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP
415-0086-150	5.91±.16	150±4	INSULATOR - PBT - BLACK, UL94V-0	CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#32 (7/.003)
415-0086-200	7.87±.16	200±4		
415-0086-250	9.84±.31	250±8		
415-0086-300	11.81±.31	300±8		
415-0086-500	19.69±.31	500±8		JACKET - FEP - BLACK



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- 415-0086-001/999

0REVISIONS

ENGINEERING RELEASE

1	10-20-06	PAT	SBD	RJB	PDW		12-20-06	ECN 50731
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VERSION UPDATE

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

1a	2-20-07	PAT	SBD	RJB	MJU	JCN	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 COLOR TO BLACK
CHANGE INSULATOR COLOR TO PBT
CHANGE SHIELD MATERIAL TO TIN PLATED

1b	2-7-11	MS	SJD	RJB	MS		2-7-11	ECO 52913
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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	DATE	 Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	CHECKED BY	DATE		
.XX	_____	RJB	12-13-06	TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .044 (1.13mm) CABLE O.D.	
.XXX ±.004	_____	APPROVED BY PDW	DATE 12-19-06		
MATL _____		RELEASE DATE 12-20-06		SHEET 2 OF 2	DRAWING NO. B- 415-0086-001/999
FINISH _____		U/M	INCH	SCALE	10:1