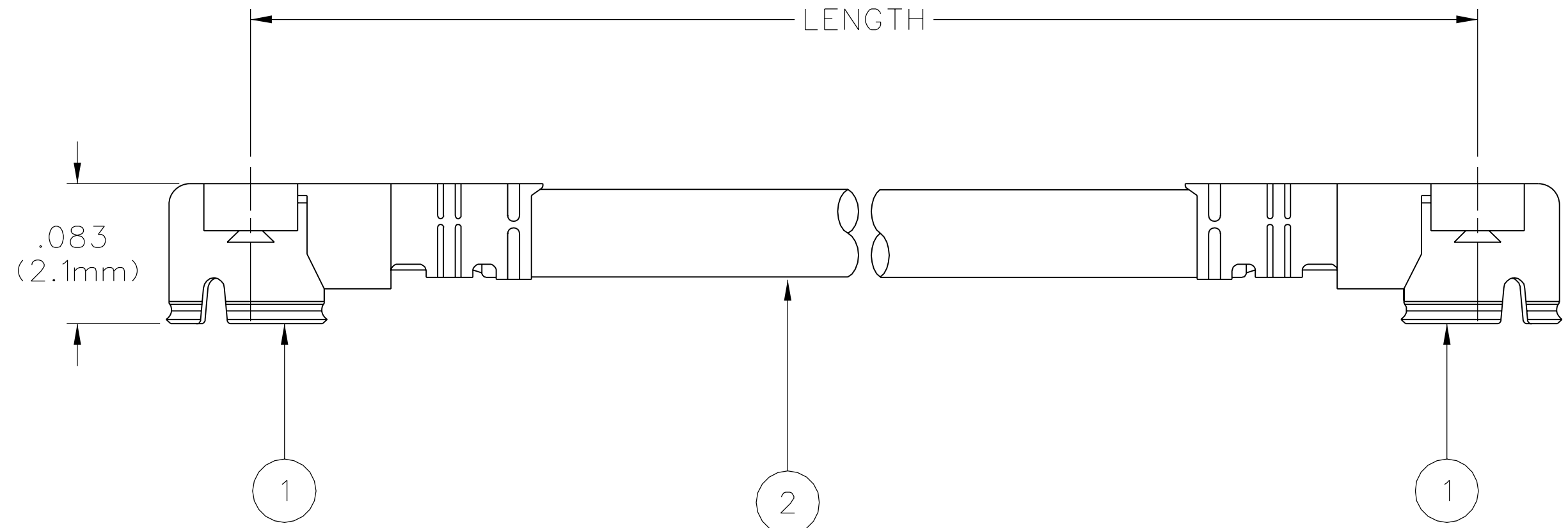


PART NUMBER	LENGTH		ITEM ①	ITEM ②
	INCH	mm	UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	CABLE
415-0087-050	1.97±.16	50±4	BODY - COPPER ALLOY - GOLD PLATED	FIRST SHIELD - SILVER PLATED ANNEALED COPPER WIRE
415-0087-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	SECOND SHIELD - SILVER PLATED 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		

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
.082 WAS .083, INSULATOR: BLACK WAS WHITE							
*****							
* REVISION NUMBER FOLLOWED BY AN ALPHA *							
* CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *							
*****							
1a	1-11-07	P A T	S B D	R J B	M J C	J U N	2-8-07 ECN 50908
VERSION UPDATE							
*****							
* REVISION NUMBER FOLLOWED BY AN ALPHA *							
* CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *							
*****							
1b	2-26-07	P A T	S B D	R J B	M J C	J U N	4-23-07 ECN 50952
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



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

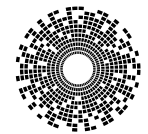
CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	PAT	5-23-06
.XX	_____	CHECKED BY	DATE
.XXX ±.004	_____	RJB	12-13-06
MATL	_____	APPROVED BY	DATE
FINISH	_____	PDW	12-19-06
		RELEASE DATE	12-20-06
		U/M	INCH
		SCALE	10:1

 <b>cinch</b> <small>CONNECTIVITY SOLUTIONS</small> <small>a bel group</small>	<b>Cinch Connectivity Solutions</b> P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
	TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .052 (1.32mm) CABLE O.D.	
SHEET 2 OF 2	DRAWING NO. B-415-0087-001/999	

# Mouser Electronics

Authorized Distributor

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