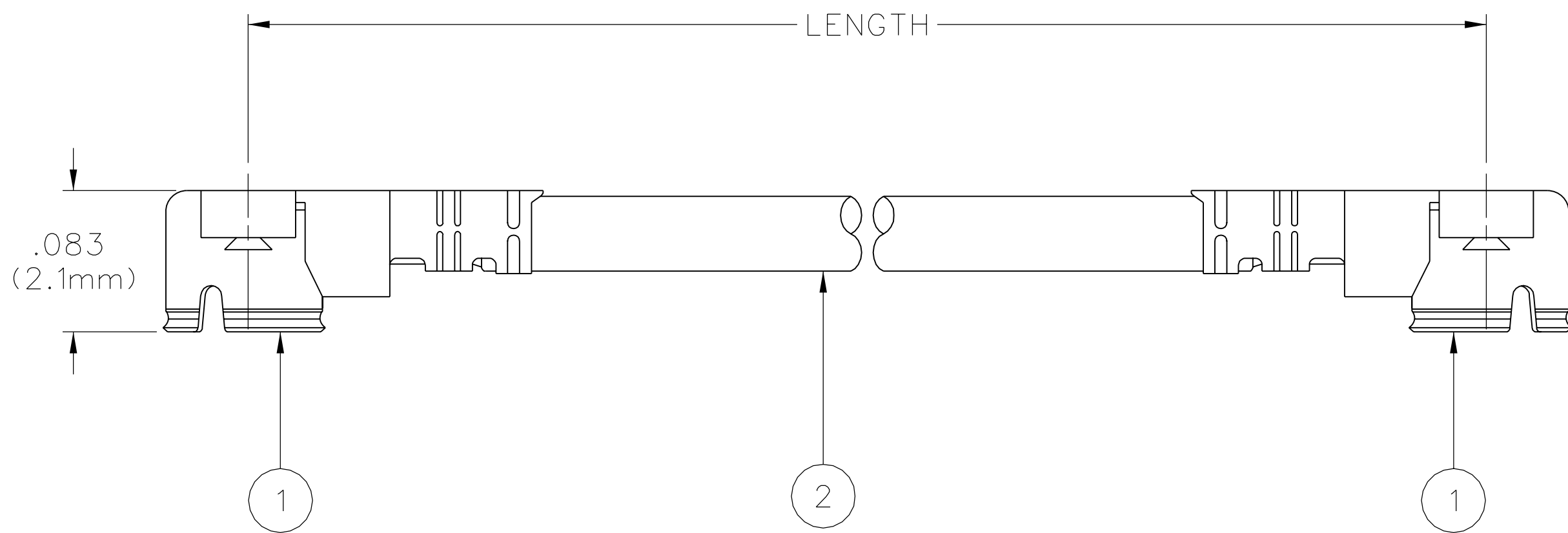


PART NUMBER	LENGTH		ITEM ①	ITEM ②
	INCH	mm	UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	CABLE
415-0086-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE
415-0086-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP
415-0086-150	5.91±.16	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		JACKET - FEP - BLACK
415-0086-250	9.84±.31	250±8		
415-0086-300	11.81±.31	300±8		
415-0086-500	19.69±.31	500±8		

DRAWING NO. B-415-0086-001/999	
0	REVISIONS
ENGINEERING RELEASE	
1	10-20-06 P A T S B D R J B P D W 12-20-06 ECN 50731
VERSION UPDATE ***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * CATION OR PART NUMBER ADDITION ONLY. * *****	
1a	2-20-07 P A T S B D R J B M J U J C 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 COLOR TO BLACK CHANGE INSULATOR COLOR TO PBT CHANGE SHIELD MATERIAL TO TIN PLATED	
1b	2-7-11 M S S D J R J B M S 2-7-11 ECO 52913



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

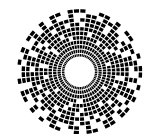
CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

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

 cinch <small>CONNECTIVITY SOLUTIONS</small> <small>a bel group</small>	Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
	TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .044 (1.13mm) CABLE O.D.
SHEET 2 OF 2	DRAWING NO. B-415-0086-001/999