

PART NUMBER	LENGTH		ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, LOW PROFILE	ITEM ② CABLE
	INCH	mm		
415-0084-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE
415-0084-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP
415-0084-150	5.91±.16	150±4	INSULATOR - LCP - WHITE, UL94V-0	CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#36 (7/.002)
415-0084-200	7.87±.16	200±4		
415-0084-250	9.84±.31	250±8		
415-0084-300	11.81±.31	300±8		
415-0084-500	19.69±.31	500±8		JACKET - FEP -GREY WHITE

DRAWING NO.  
B - 415-0084-001/999

0 REVISIONS

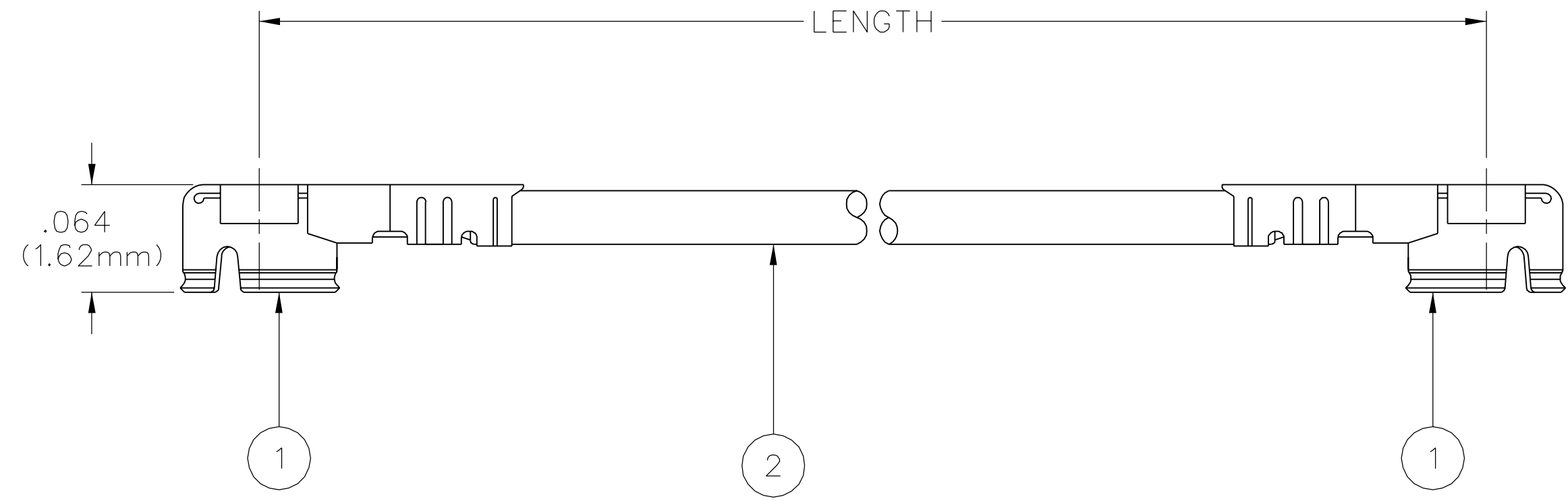
ENGINEERING RELEASE

1	10-20-06	PAT	SDB	RJB	PDW	12-20-06	ECN 50727
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INSULATOR-LCP BLACK WAS WHITE  
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 \* REVISION NUMBER FOLLOWED BY AN ALPHA \*  
 \* CHARACTER INDICATES DRAWING CLARIFI- \*  
 \* CATION OR PART NUMBER ADDITION ONLY. \*  
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1a	2-20-07	PAT	SDB	RJB	MJUN	4-23-07	ECN 50949
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1b	2-7-11	MS	SDB	RJB	MS	2-7-11	ECO 52911
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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

"μ STATION"

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	12-20-06
		RELEASE DATE	12-20-06
		U/M	INCH
		SCALE	10:1

 **Cinch Connectivity Solutions**  
 P.O. Box 1732  
 Waseca, MN 56093  
 1-800-247-8256

TITLE UMC MATING CABLE PLUG  
 .079 (2.0mm) MATING HEIGHT  
 .032 (0.81mm) CABLE O.D.

SHEET 2 OF 2  
 DRAWING NO. B - 415-0084-001/999

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