



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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PART NUMBER	LENGTH		ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	ITEM ② CABLE
	INCH	mm		
415-0085-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE
415-0085-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP
415-0085-150	5.91±.16	150±4	INSULATOR - PBT - WHITE, UL94V-0	CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#36 (7/.002)
415-0085-200	7.87±.16	200±4		JACKET - FEP - BLACK
415-0085-250	9.84±.31	250±8		
415-0085-300	11.81±.31	300±8		
415-0085-500	19.69±.31	500±8		

DRAWING NO.  
B - 415-0085-001/999

0 REVISIONS

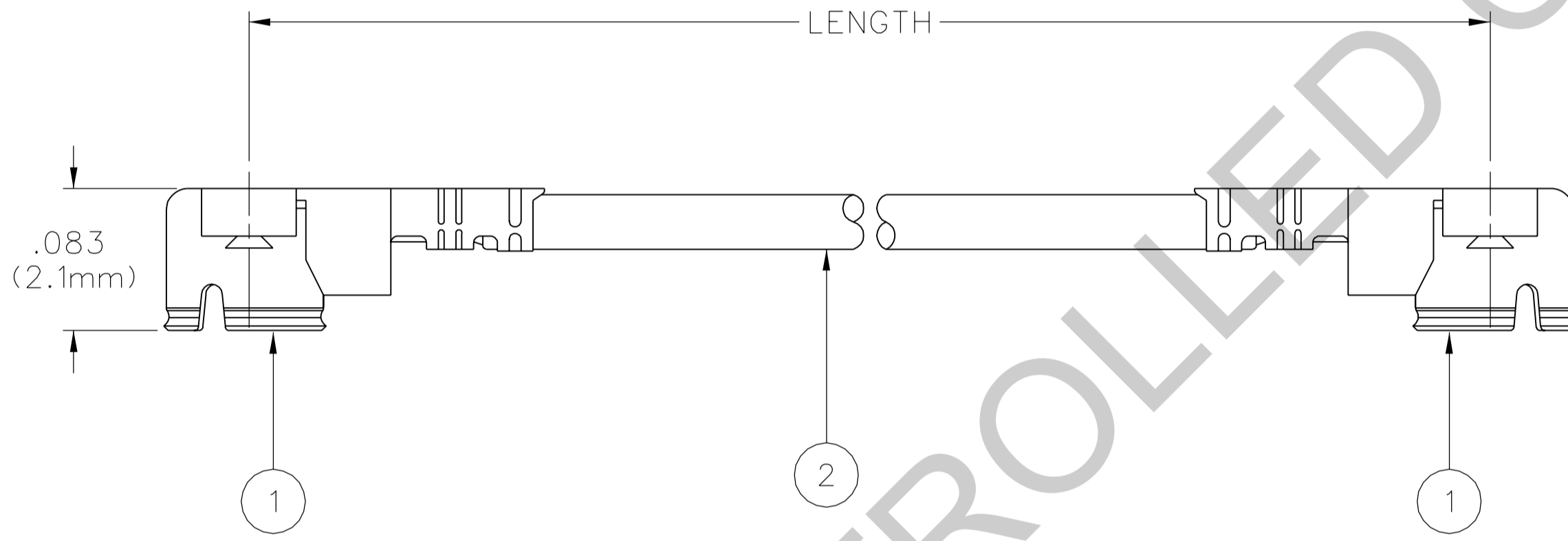
ENGINEERING RELEASE						
1	10-20-06	P A T	S B D	R J B	P D W	12-20-06 ECN 50728

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	2-23-07	P A T	S B D	R J B	M J C N	4-23-07 ECN 50950
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ADD MEDIUM RPROFILE TO ITEM 1  
CHANGE BODY MATERIAL TO COPPER ALLOY  
CHANGE CONTACT MATERIAL TO COPPER ALLOY  
CHANGE INSULATOR COLOR TO WHITE  
CHANGE INSULATOR MATERIAL 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 52912
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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	12-19-06
		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  
.098 (2.5mm) MATING HEIGHT  
.032 (0.81mm) CABLE O.D.

SHEET 2 OF 2  
DRAWING NO. B - 415-0085-001/999