

PART NUMBER	LENGTH	
	INCH	mm
415-0088-050	1.97±.16	50±4
415-0088-083	3.27±.16	83±4
415-0088-100	3.94±.16	100±4
415-0088-150	5.91±.16	150±4
415-0088-200	7.87±.16	200±4
415-0088-250	9.84±.31	250±8
415-0088-300	11.81±.31	300±8
415-0088-500	19.69±.31	500±8
415-0088-1220	48.03±.71	1220±18

ITEM ①  
 UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE

BODY - COPPER ALLOY - GOLD PLATED  
 CONTACT - COPPER ALLOY - GOLD PLATED  
 INSULATOR - PBT - BLACK OR NATURAL WHITE, UL94V-0

ITEM ②  
 CABLE

SHIELD - TIN PLATED ANNEALED COPPER WIRE  
 DIELECTRIC - FEP  
 CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#30 (7/.004)

JACKET - FEP - BLACK

DRAWING NO.  
 B - 415-0088-001/XXXX

0 REVISIONS

JACKET - FEP - BLACK WAS WHITE  
 \*\*\*\*\*  
 \* REVISION NUMBER FOLLOWED BY AN ALPHA \*  
 \* CHARACTER INDICATES DRAWING CLARIFI- \*  
 \* CATION OR PART NUMBER ADDITION ONLY. \*  
 \*\*\*\*\*

1b	3-26-07	P A T	S B D	R J B	M J U C N	J C N	4-23-07
----	---------	-------------	-------------	-------------	-----------------------	-------------	---------

ECN 50953

ADDED P/N: 415-0088-083, BODY - COPPER ALLOY WAS PHOSPHOR BRONZE, CONTACT - COPPER ALLOY WAS BRASS, INSULATOR - PBT - NATURAL WAS LCP - WHITE  
 \*\*\*\*\*  
 \* REVISION NUMBER FOLLOWED BY AN ALPHA \*  
 \* CHARACTER INDICATES DRAWING CLARIFI- \*  
 \* CATION OR PART NUMBER ADDITION ONLY. \*  
 \*\*\*\*\*

1c	1-21-08	P A T	R J B	M J U	R J B	J C N	1-25-08
----	---------	-------------	-------------	-------------	-------------	-------------	---------

ECN 51347

ADD MEDIUM PROFILE TO ITEM 1 BLOCK  
 CHANGE INSULATOR COLOR TO NATURAL WHIT  
 CHANGE SHIELD MATERIAL TO TIN PLATED  
 CHANGE CONNECTOR HEIGHT TO .083

1d	2-7-11	M S	S D J	R J B	M S		2-7-11
----	--------	--------	-------------	-------------	--------	--	--------

ECO 52915

ADDED: BLACK. DELETED VENDOR REFERENCE +/- .006 WAS +/- .004

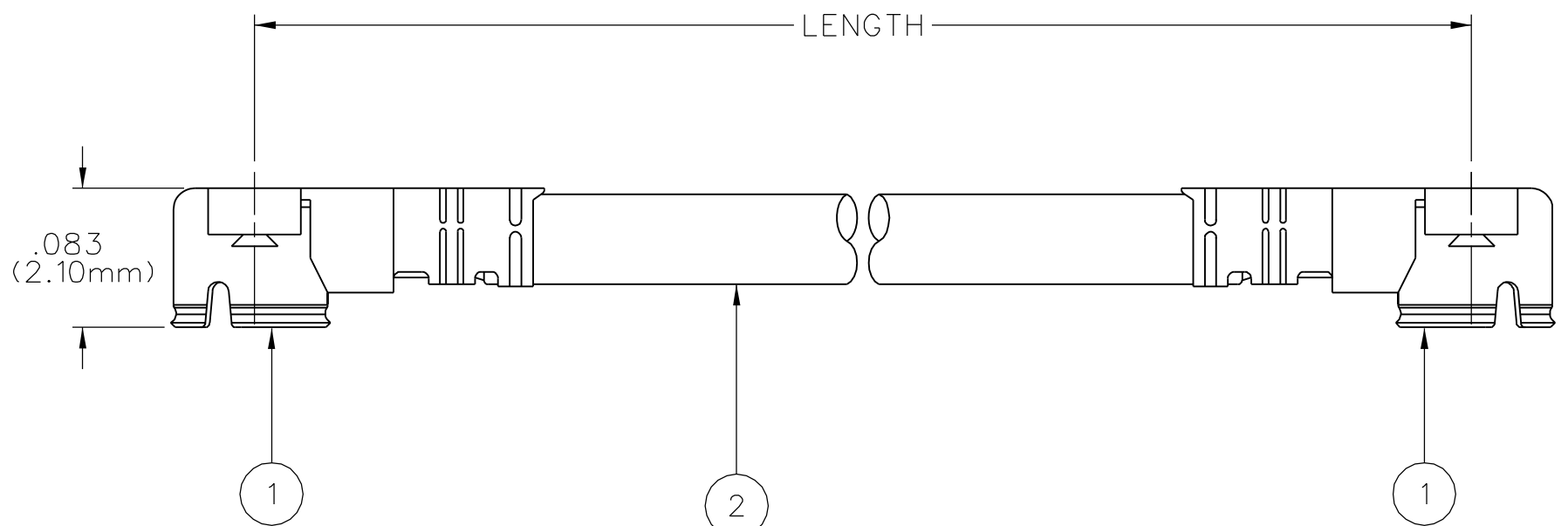
2	10-3-12	M S	R J B	M J U			10-17-12
---	---------	--------	-------------	-------------	--	--	----------

ECO 54381

ADDED P/N 415-0088-1220

3	11-26-12	M S	R J B	S J	M J U		10-27-12
---	----------	--------	-------------	--------	-------------	--	----------

ECO 54479



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 _____	±0.15	CHECKED BY	DATE
.XXX ±.006	_____	RJB	12-13-06
MATL _____		APPROVED BY	DATE
		PDW	12-20-06
FINISH _____		RELEASE DATE	12-20-06
		U/M	INCH
		SCALE	10:1

 <b>Cinch</b> CONNECTIVITY SOLUTIONS <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 .054 (1.37mm) CABLE O.D.		
SHEET	DRAWING NO.	
2 OF 2	B - 415-0088-001/XXXX	