

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

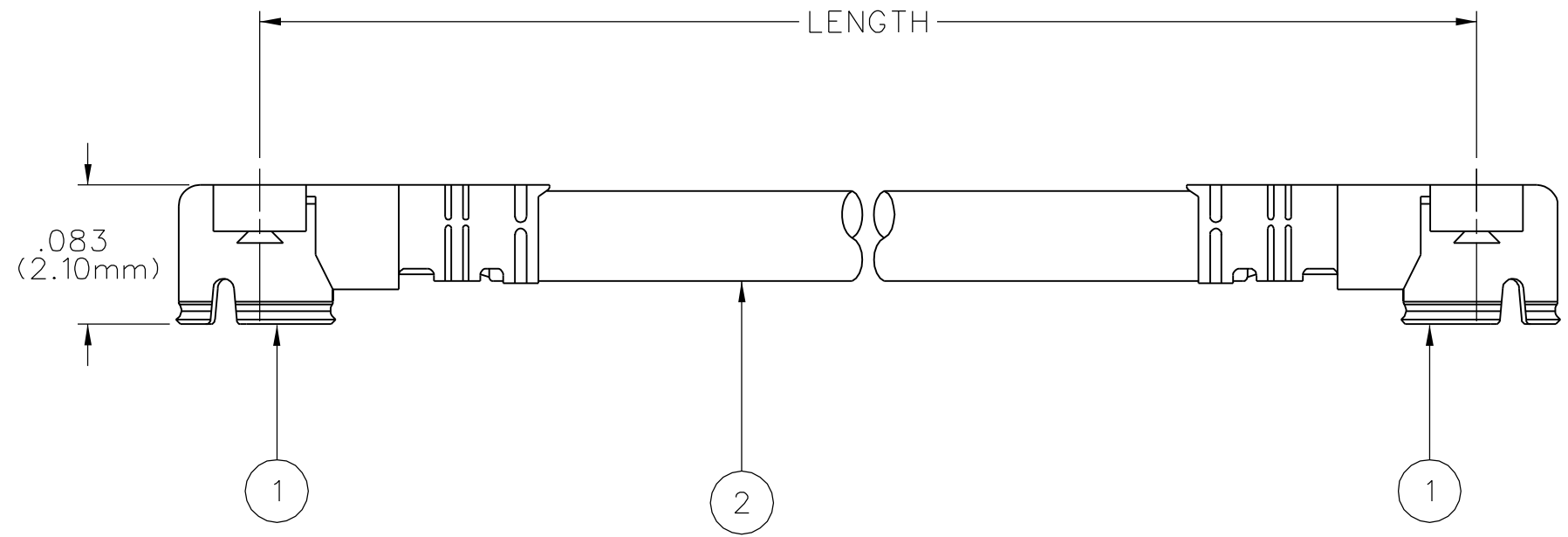
ITEM ①
 UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE
 BODY - COPPER ALLOY - GOLD PLATED
 CONTACT - COPPER ALLOY - GOLD PLATED
 INSULATOR - PBT - BLACK OR NATURAL WHITE, UL94V-0

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 J R B M J U C N 4-23-07 ECN 50953



 * 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 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

cinch
 CONNECTIVITY SOLUTIONS
 a bel group

Cinch Connectivity Solutions
 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 2 OF 2
 DRAWING NO. B - 415-0088-001/XXXX

Mouser Electronics

Authorized Distributor

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