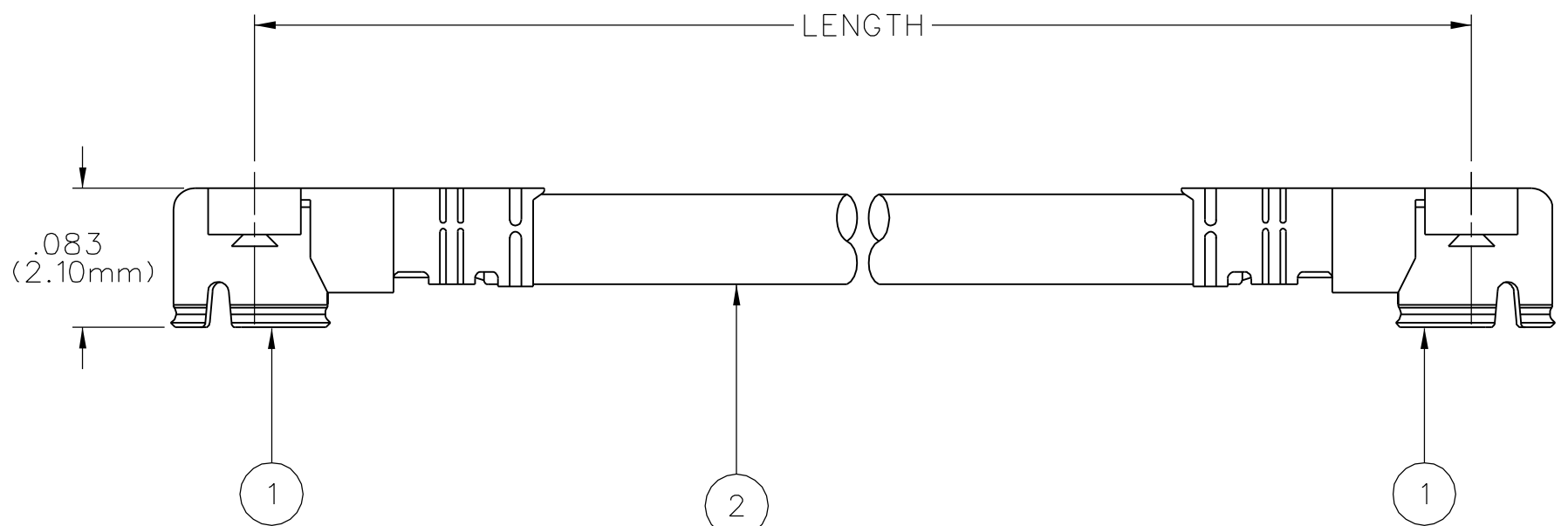


PART NUMBER	LENGTH	
	INCH	mm
415-0088-050	1.97±.16	50±4
415-0088-083	3.27±.16	83±4
415-0088-100	3.94±.16	100±4
415-0088-150	5.91±.16	150±4
415-0088-200	7.87±.16	200±4
415-0088-250	9.84±.31	250±8
415-0088-300	11.81±.31	300±8
415-0088-500	19.69±.31	500±8
415-0088-1220	48.03±.71	1220±18

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 PAT 4-23-07  
 S B R M J  
 T B J U C N  
 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 PAT 1-25-08  
 S B R M J  
 T B J U C N  
 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 MS 2-7-11  
 S D J B S  
 ECO 52915  
 ADDED: BLACK. DELETED VENDOR REFERENCE  
 +/- .006 WAS +/- .004  
 2 10-3-12 MS 10-17-12  
 S B J U  
 ECO 54381  
 ADDED P/N 415-0088-1220  
 3 11-26-12 MS 10-27-12  
 S B S J U  
 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
FINISH _____	_____	PDW	12-20-06
		RELEASE DATE	12-20-06
		U/M	INCH
		SCALE	10:1

**EMERSON**  
 Network Power  
 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