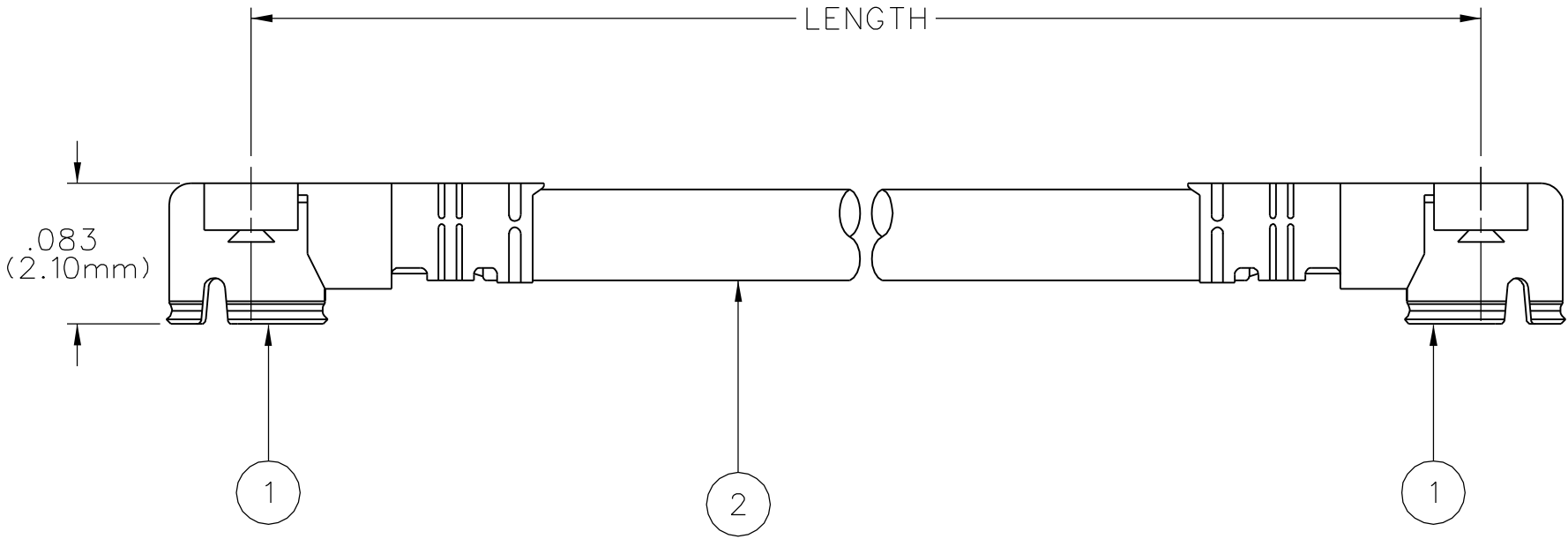


PART NUMBER	LENGTH		ITEM ①		ITEM ②	
	INCH	mm	UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE		CABLE	
415-0088-050	1.97±.16	50±4	BODY - COPPER ALLOY - GOLD PLATED CONTACT - COPPER ALLOY - GOLD PLATED INSULATOR - PBT - BLACK OR NATURAL WHITE, UL94V-0		SHIELD - TIN PLATED ANNEALED COPPER WIRE	
415-0088-083	3.27±.16	83±4			DIELECTRIC - FEP	
415-0088-100	3.94±.16	100±4			CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#30 (7/.004)	
415-0088-150	5.91±.16	150±4				
415-0088-200	7.87±.16	200±4			JACKET - FEP - BLACK	
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				



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

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. *

1b3-26-07PATBDRJBJMJUCN4-23-07ECN 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. *

1c1-21-08PATBDRJBJMJUCN1-25-08ECN 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

1d2-7-11MSDJRJBMS2-7-11ECO 52915

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

210-3-12MSRJBMS10-17-12ECO 54381

ADDED P/N 415-0088-1220

311-26-12MSRJBSSJMJU10-27-12ECO 54479

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	CHECKED BY	DATE		
.XX _____	±0.15	RJB	12-13-06	TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .054 (1.37mm) CABLE O.D.	
.XXX ±.006	_____	APPROVED BY	DATE		
MATL _____		PDW	12-20-06	SHEET 2 OF 2	
FINISH _____		RELEASE DATE	12-20-06		
		U/M	INCH		
		SCALE	10:1	DRAWING NO. B - 415-0088-001/XXXX	

Mouser Electronics

Authorized Distributor

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