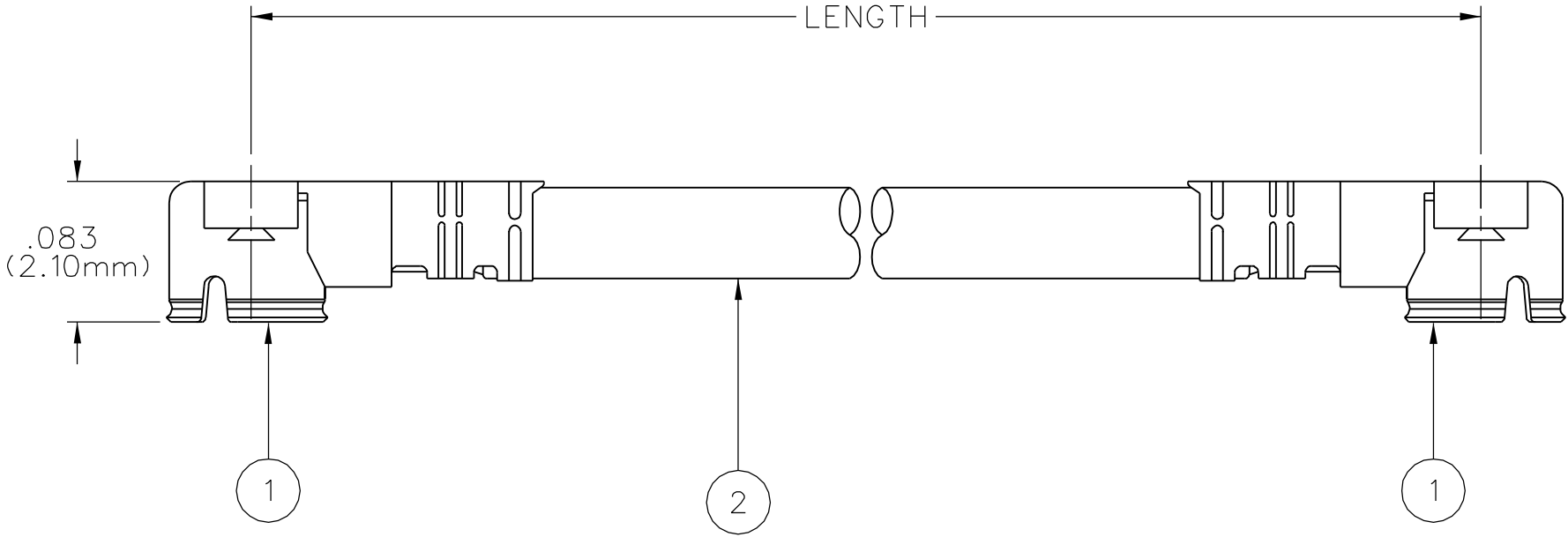


PART NUMBER	LENGTH		ITEM ①		ITEM ②	
	INCH	mm	UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE		CABLE	
415-0088-050	1.97±.16	50±4	BODY - COPPER ALLOY - GOLD PLATED CONTACT - COPPER ALLOY - GOLD PLATED INSULATOR - PBT - BLACK OR NATURAL WHITE, UL94V-0		SHIELD - TIN PLATED ANNEALED COPPER WIRE	
415-0088-083	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	 <b>Connectivity Solutions</b> P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	PAT	5-23-06		
.XX _____	±0.15	CHECKED BY	DATE	TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .054 (1.37mm) CABLE O.D.	
.XXX ±.006	_____	RJB	12-13-06		
MATL _____		APPROVED BY	DATE	SHEET 2 OF 2	
		PDW	12-20-06		
FINISH _____		RELEASE DATE	12-20-06	DRAWING NO. B - 415-0088-001/XXXX	
		U/M INCH	SCALE 10:1		

# Mouser Electronics

Authorized Distributor

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[Emerson Connectivity Solutions:](#)

[415-0088-150](#)