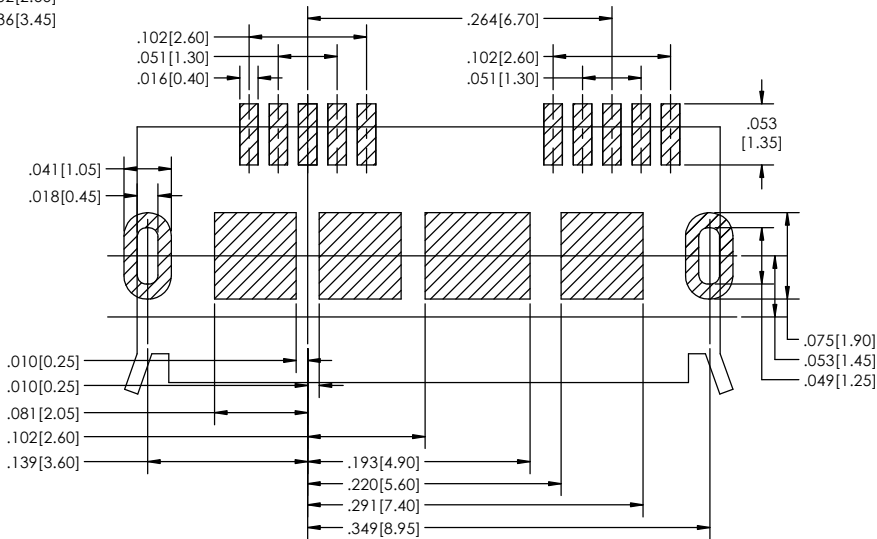


**RECOMMENDED P.C.B. LAYOUT**



MUSB-3 **10** - **OSS** - **H** - **AB** - **BM** - **TR** - **LF**  
**(A)** **(B)** **(C)** **(D)** **(E)** **(F)** **(G)**

- A. Number of Contacts  
- 10 Positioning
- B. Mounting Option  
- OSS= Outer Shell Stakes
- C. Contact Plating  
- See Plating Option box below
- D. Type  
- A
- E. Mount Style  
- BM= Bottom Mount
- F. Packaging Option  
- TR= Tape and Reel
- G. Lead Free

Plating options	
<b>H</b>	30µ Gold on Contact Area/ Matte Tin on Tail

- Specifications:
- Electrical:**  
 Voltage Rating: 100 V AC/DC  
 Current Rating:  
 Signal Mode: 1.0A AC/DC All Pins  
 Power Mode:  
 Signal (Pins 2, 3, 4, 6, 7, 8, 9): at 0.5A AC/DC  
 Power (Pins 1, 5) at 1.8A AC/DC  
 Contact Resistance: 30 Milliohms Max.  
 Insulation Resistance: 1000 Megohms Min.  
 Dielectric Withstanding Voltage: 100V AC/ Minute  
 Operating Temperature: -30°C to +85°C
- Mechanical:**  
 Mating Force: 35N Max.  
 Unmating Force: 10N Min.  
 Durability: 10,000 Cycles
- Material:**  
 Housing: LCP, UL94V-0, Black  
 Terminal: Phosphor Bronze (C5191R-H) T= 0.15mm  
 Shell: Stainless Steel (SUS304) T= 0.25mm
- Finish:**  
 Underplating: Nickel  
 Plating:  
 Contact Area: See Plating Options  
 Solder Tails: Gold Flash or Matte Tin  
 Metallic Shell: Matte Tin



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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	EOW 12/11/14
TOLERANCES:		CHECKED	GWG 12/11/14
ONE DECIMALS ±.100		ENG APPR.	
TWO DECIMAL ±.010		MFG APPR.	
THREE DECIMAL ±.005		ADDRESS:	
FOUR DECIMAL ±.002		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mllelectronics.com	
NEXT ASSY	USED ON	TITLE: MUSB-310-OSS-X-AB-BM-TR-LF	
APPLICATION	DO NOT SCALE DRAWING	SIZE	DWG. NO. <b>C</b>
		REV	<b>B</b>
		SCALE	12:1
		SHEET 1 OF 1	

