

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

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

Plating options	
H	30u 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

UNLESS OTHERWISE SPECIFIED:				NAME DATE				
DIMENSIONS ARE IN INCHES TOLERANCES: ONE DECIMALS ±.100 TWO DECIMAL ±.100 THREE DECIMAL ±.005 FOUR DECIMAL ±.002				DRAWN	EOW			12/11/14
				CHECKED	GWE			12/11/14
				ENG APPR.				
				MFG APPR.				
		INTERPRET GEOMETRIC TOLERANCING PER:		ADDRESS:		TITLE: MUSB-310-OSS-H-A-BM-TR-LF		
		MATERIAL		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mls@mielectronics.com		SIZE DWG. NO. REV		
NEXT ASSY		FRSH				C B		
APPLICATION		DO NOT SCALE DRAWING				SCALE 8:1 SHEET 1 OF 1		