

**10118193-0001LF - MICRO  
USB : B TYPE RECEPTACLE**



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**Mating Half**

▶ 10104109-0001LF

**Specifications**

<b>General</b>	
Number of contacts	5
Orientation	Right Angle
Product Type	Receptacle
Style	B Type
Series Number	10118193
Single or Dual Stack	Single
<b>Electrical</b>	
Current rating	1.8A per contact
Resistance (Contact)	After test delta: 10 m-ohms Max. change Initial: 30 m-ohms Max.
Resistance (Insulation)	After test: 100 M-ohms Min. Initial: 1000 M-ohms Min.
Voltage rating	100V AC
<b>Mechanical</b>	
Durability (Mating cycles)	10000 Cycles
Insertion force	35N max.
Extraction force (Signal)	8N min.
<b>Mounting</b>	
Mounting style	Surface Mount Type / 2 DIP Legs
<b>Physical</b>	
Color (Housing)	Black
Material (Housing)	LCP, UL 94V-0
Plating (Contact area)	30u" Gold over 50u" Nickel
Plating (Shield)	80u" matte Tin
Plating (Solder area)	Gold Flash
<b>Other Features</b>	
Packaging (Options)	Tape and Reel



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APP:U

FILE:

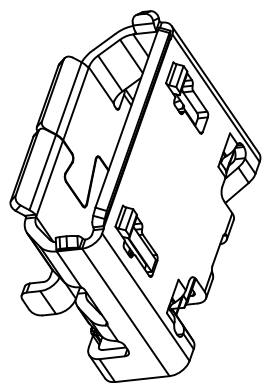
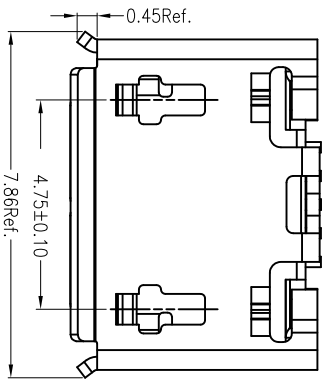


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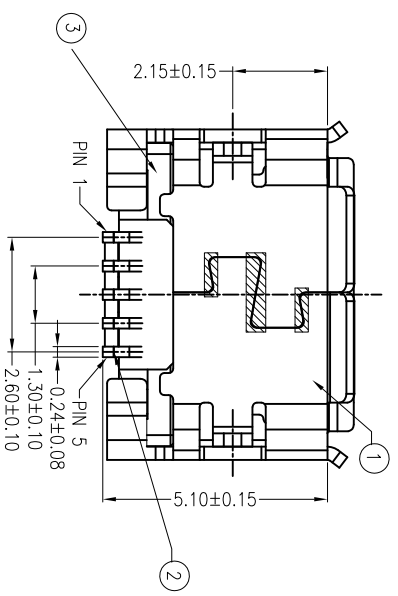
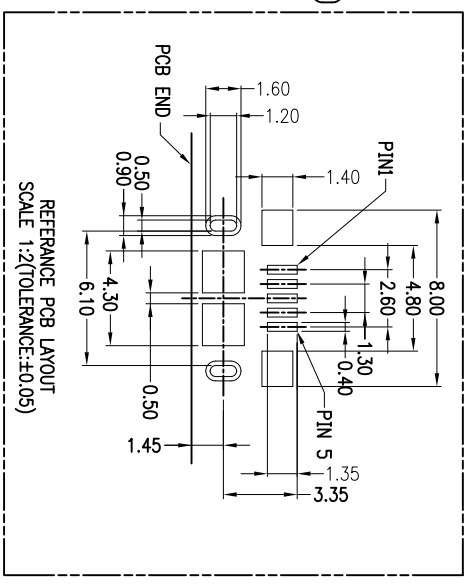
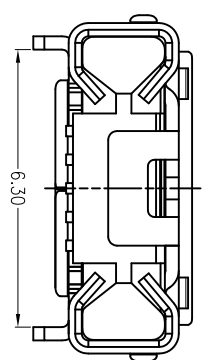
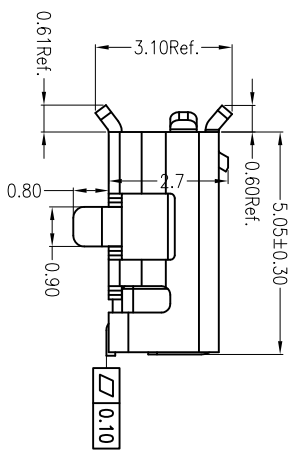
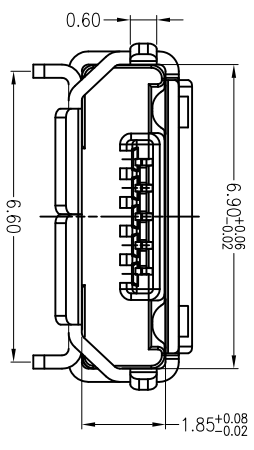


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PART NUMBER  
10118193-0001LF



- NOTES:
- MATERIAL:  
HOUSING: HIGH THERMOPLASTIC RESIN, UL94V-0, COLOR: BLACK  
TERMINAL: COPPER ALLOY  
SHELL: STAINLESS
  - FINISH:  
CONTACT AREA: GOLD PLATED  
CONTACT SOLDER AREA: GOLD FLASH  
SHELL: MATTIE TIN PLATED  
UNDER NICKEL PLATED ALL OVER.
  - PRODUCT SPECIFICATION: GS-12-641.
  - PACKAGING SPECIFICATION: GS-14-2180.
  - THE "LF" MEANS FOR LEAD FREE AND CAN WITHSTAND EXPOSE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN IR REFLDW PROCESS.



Item	Title	QTY
1	Shell	1
2	Terminal	5
3	InsertMolding	1

mat'l. code	ecn no	dr	date	surface	tolerance	projection	product family
A	LS	10/21/11		ASME Y14.5	ASME Y14.5	MM	USB
				tolerances unless otherwise specified			
				angles	.XX±0.38		
				X°±2°	.XXX±0.25		
				dr	.XXX±0.10	scale	
				engr	JASON HSU 05/21/11		
				chr	JASON HSU 05/21/11		
				appd	GARY HSEH 05/21/11		
Sheet Index	revision	A	1				



title  
MICRO USB B TYPE RECEPTACLE

dwg no  
10118193

sheet 1 of 1

size  
A4

type  
CUSTOMER Drawing