



IDS-1 **XX** - **D** - **02** - **XX** - **03** - **XXX** - **LF**
(A) (B) (C) (D) (E) (F) (G)

- A. Pins Per Row - 3 through 24
- B. Row Specification - D= Double Row
- C. Style - 02= Black
- D. Plating Options - See Plating Options below
- E. 03= Spring Latch option
- F. Polarized Position - 006-064
- G. Lead Free

Mates With:
 SHSTL-1 SHBSTC-1
 SHBSTCM-1 SHTSHC-1
 SHTSHR-1 SHTSHSM-1

Plating options	
F	Gold Flash over Entire Pin
FT	Gold on Contact Area/ Matte Tin on remainder
G	10µ Gold on Contact Area
H	30µ Gold on Contact Area

Specifications:
 Current Rating: 1.0 Ampere
 Insulation Resistance: 3000M Ohms Min.
 Dielectric Withstanding: 500V AC for one minute
 Contact Resistance: 30M Ohms Max.
 Operation Temperature: -40°C to +105°C
 Terminated with: .050" [1.27mm] pitch flat ribbon cable

Materials:
 Contact Material: Phosphor Bronze
 Insulator Material: PBT, glass reinforced, rated UL 94V-0

Pins per Row	Dimensions	
	A	B
3	.485[12.32]	.200[5.08]
4	.585[14.86]	.300[7.62]
5	.685[17.40]	.400[10.16]
6	.785[19.94]	.500[12.70]
7	.885[22.48]	.600[15.24]
8	.985[25.02]	.700[17.78]
9	1.085[27.56]	.800[20.32]
10	1.185[30.10]	.900[22.86]
11	1.285[32.64]	1.000[25.40]
12	1.385[35.18]	1.100[27.94]
13	1.485[37.72]	1.200[30.48]
15	1.685[42.80]	1.400[35.56]
17	1.885[47.88]	1.600[40.64]
18	1.985[50.42]	1.700[43.18]
19	2.085[52.96]	1.800[45.72]
20	2.185[55.50]	1.900[48.26]
22	2.385[60.58]	2.100[53.34]
24	2.585[65.66]	2.300[58.42]

Tails may be clipped to achieve specific dimensions.

Products cut to specific sizes are uncancellable/ nonreturnable.
 Parts are subject to change without notice.



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UNLESS OTHERWISE SPECIFIED:		NAME DATE			
DIMENSIONS ARE IN INCHES		DRAWN	EOW 02/23/15		
TOLERANCES:		CHECKED	GWE 02/23/15		
ONE DECIMALS ±.100		ENG APPR.			
TWO DECIMAL ±.010		MFG APPR.		ADDRESS:	
THREE DECIMAL ±.005		INTERPRET GEOMETRIC TOLERANCING PER:		2533 Centennial Blvd.	
FOUR DECIMAL ±.002		MATERIAL:		Jeffersonville, IN 47130	
NEXT ASSY	USED ON	FINISH		Phone: 812-670-4174	
APPLICATION	DO NOT SCALE DRAWING			Fax: 812-670-4175	
				E-Mail: mle@mlelectronics.com	
TITLE: IDS-1-SP SERIES				SIZE DWG. NO.	REV B
SCALE 6:1				SHEET 1 OF 1	