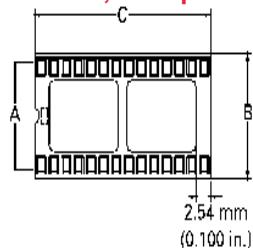


**DILB20P-223TLF - DIP : DIP
Socket, Stamped and Formed**



Specifications

General

Contact type	SAF
Number of contacts	20
Number of contacts (per row)	10
Number of rows	2
Product Style	DIP, Stamped and Formed
Frame Type Style	Open
Gender (Contact)	Socket
Insulator Type	Standard

Dimensional

Length (Tail)	3.2 mm (0.126 in.)
Dim D (in)	0.3 in.
Dim D (mm)	7.62 mm
Spacing (Contact)	2.54 mm (0.1 in.) Pitch
Dim A (in)	1 in.
Dim A (mm)	25.4 mm
Dim B (in)	0.9 in.
Dim B (mm)	22.86 mm
Dim C (in)	0.4 in.
Dim C (mm)	10.16 mm
Spacing (Row to row)	7.62 mm (0.3 in.)

Electrical

Withstanding Voltage	1000V AC RMS min.
Current rating	1 amps max.
Resistance (Contact)	30 M ohms max. at 6V DC
Resistance (Insulation)	1000 M ohms min. at 500V DC
Voltage rating	200V AC

Mechanical

Durability (Mating cycles)	25 Cycles
Insertion force	340.2g/Contact max.
Withdrawal Force	14.5g/Contact min.

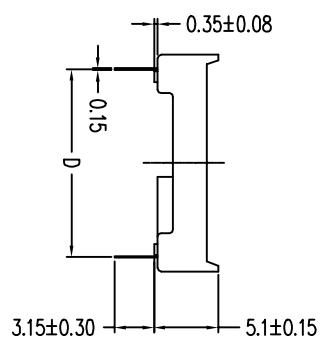
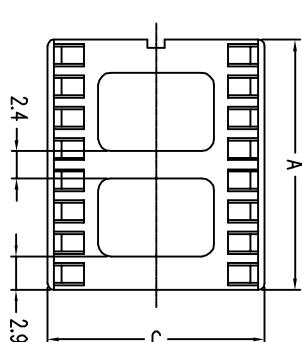
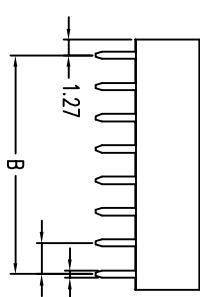
Mounting

Mounting style	Through Hole
Physical	
Color (Housing)	Black
Material (Contact)	Copper Alloy
Plating (Inner clip / Contact)	100 μ " min. Pure Tin over 50 μ " Nickel
Material (Inner clip / Contact)	Copper Alloy
Material (Insulator)	Polyester, UL 94V-0
Temperature (use - continuous)	-55°C to 105°C
Approvals / Certifications	
Approvals / Certifications	UL/CSA Pending
Other Features	
Packaging (Type)	Tube

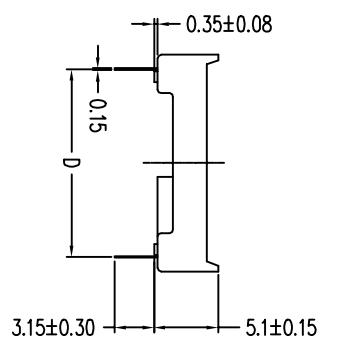
B

A

CATALOG NO	NO. OF CONTACTS	TABLE OF DIMENSIONS		
		A ± 0.30	B ± 0.25	C ± 0.30
				D ± 0.20
DILB8P-223TXX	8P	10.16	7.62	
DILB14P-223TXX	14P	17.78	15.24	
DILB16P-223TXX	16P	20.32	17.78	10.16
DILB18P-223TXX	18P	22.86	20.32	7.62
DILB20P-223TXX	20P	25.40	22.86	
DILB24P-223TXX	24P	30.48	27.94	
DILB28P-223TXX	28P	35.56	33.02	
DILB32P-223TXX	32P	40.64	38.10	17.78
DILB40P-223TXX	40P	50.80	48.26	15.24
DILB42P-223TXX	42P	53.34	50.80	



(RECOMMENDED PCB LAYOUT)



4. DILBXXP-223TUF: THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PER PERK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.

4. DILBXXP-223TUF: THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PER PERK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.

NOTES

1. MATERIALS

HOUSING: POLYAMIDE, UL94V-0 COLOR IN BLACK.

CONTACT: COPPER ALLOY.

2. FINISH
100μ" MIN. MATTE OR BRIGHT TIN OVER 50μ" MIN. NICKEL.

3. PERFORMANCE CHARACTERISTICS

A) OPERATING VOLTAGE: 200VAC;

B) CONTACT RESISTANCE: 30 MILLIOHMS MAX. AT 6 VDC;

C) CURRENT RATING: 1 AMP. MAX.;

D) OPERATING TEMPERATURE: CONTINUOUS, -55°C TO 105°C;

E) INSULATION RESISTANCE: 1000 MEGOHMS MIN AT 500 VDC;

F) DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC RMS MIN.;

G) DURABILITY: NO ELECTRICAL DEGRADATION AFTER 25 CYCLES;

H) THERMAL SHOCK: NO PHYSICAL OR ELECTRICAL DEGRADATION PER MIL-STD-1344, METHOD 1003, COND A;

I) MOISTURE RESISTANCE: 300 MEGOHMS MIN PER MIL-STD-202, METHOD 106, OMIT STEPS 7a AND 7b;

J) VIBRATION: NO ELECTRICAL INTERRUPTION GREATER THAN 1 MICROSECOND PER MIL-STD-1344, METHOD 2005 COND III;

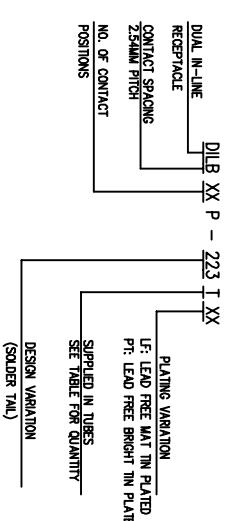
K) MECHANICAL SHOCK: NO ELECTRICAL INTERRUPTION GREATER THAN 1 MICROSECOND WHEN 17.64 oz (500g) APPLIED FOR 0.75 MILLISECONDS;

L) FLAMMABILITY: UL94 V-0;

M) INSERTION FORCE: 340.2g /CONTACT MAX.;

WITHDRAWAL FORCE: 14.5g/CONTACT MIN.;

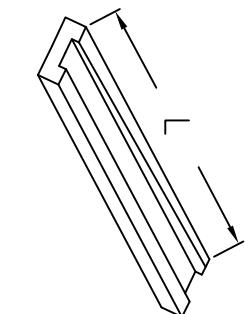
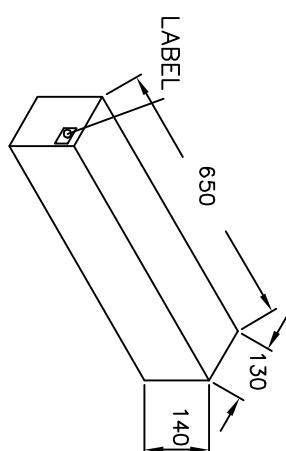
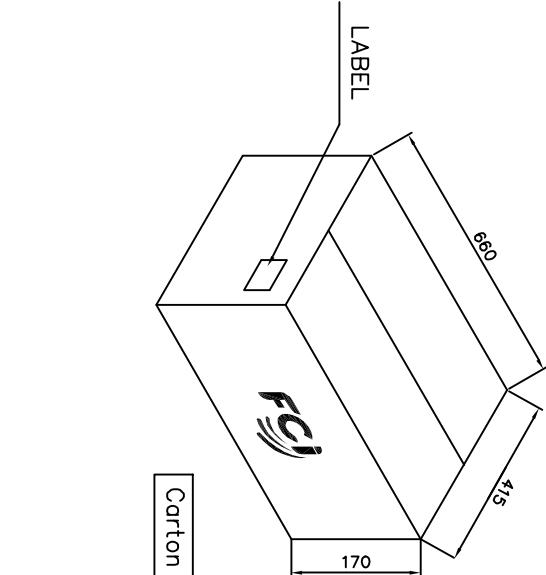
ORDERING INFORMATION



mat'l. code	tolerances unless otherwise specified	CUSTOMER COPY	FCI	www.fciconnect.com
ltr	ecn no	dr	date	
A	T05-0016	W/L	1/24/05	linear
B	T06-0033	J.H	3/28/06	XXX ± 0.2
C	T06-0068	J.H	7/7/06	angles σ ± 0.05
		dr	WADE LUU	01/05/05
		engr	WADE LUU	01/05/05
		chr	WADE LUU	01/05/05
		oppd	STERLING LIN	01/08/05
sheet index	revision	C	C	scale 1:1
				A4
				10052485
				1 of 2
				code 22526

B

B



L	635	635
W	136	136
H	116	116

Tube

DILB PACKING LIST FOR TUBE

	CONTACTS	PCS/TUBE	TUBE / INNER BOX	PCS/INNER BOX	INNER BOX / OUTER BOX	PCS/OUTER BOX
DILB8P-223TXX	8P	60	100	6000	3	18000
DILB14P-223TXX	14P	34	100	3400	3	10200
DILB16P-223TXX	16P	30	100	3000	3	9000
DILB18P-223TXX	18P	26	100	2600	3	7800
DILB20P-223TXX	20P	24	100	2400	3	7200
DILB24P-224TXX	24P	20	100	2000	3	6000
DILB24P-223TXX	24P	20	60	1200	3	3600
DILB28P-223TXX	28P	17	60	1020	3	3060
DILB32P-223TXX	32P	15	60	900	3	2700
DILB40P-223TXX	40P	12	60	720	3	2160
DILB42P-223TXX	42P	11	60	660	3	1980

A

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com
Ittr	ecn no	dr	date	linear	.XX ± 0.3	projection	title	
C				angles	.XXX ± 0.05	Ø ±2°		DILB ASSEMBLY
				dr	WADE LIU	01/05/05	MM	
				engr	WADE LIU	01/05/05	size dwdg no	product family
				chr	WADE LIU	01/05/05	code	EDGE CARD
				appd	STERLING LIN	01/08/05	sheet	TWN
sheet	revision	C	C	index			2 of 2	
sheet	1	2						

B