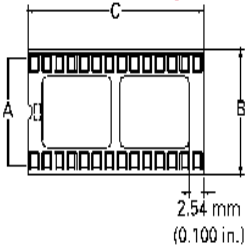


**DILB18P-223TLF - DIP : DIP
Socket, Stamped and Formed**



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Specifications

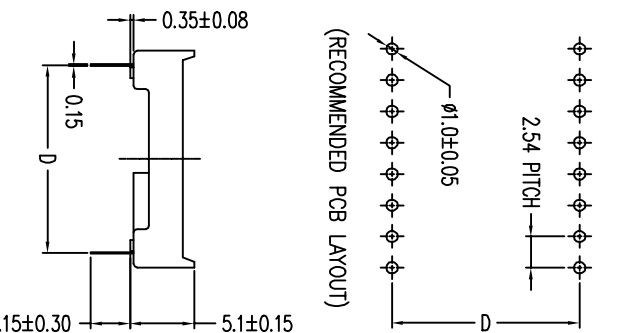
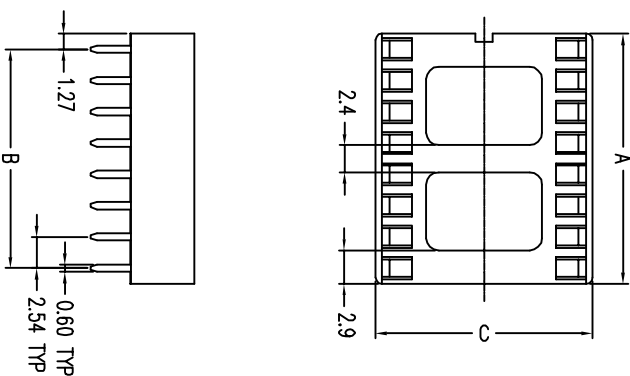
General	
Contact type	SAF
Number of contacts	18
Number of contacts (per row)	9
Number of rows	2
Product Style	DIP, Stamped and Formed
Frame Type Style	Open
Gender (Contact)	Socket
Insulator Type	Standard
Dimensional	
Length (Tail)	3.2 mm (0.126 in.)
Dim D (in)	0.3 in.
Dim D (mm)	7.62 mm
Spacing (Contact)	2.54 mm (0.1 in.) Pitch
Dim A (in)	0.9 in.
Dim A (mm)	22.86 mm
Dim B (in)	0.8 in.
Dim B (mm)	20.32 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)	100μ" min. Pure Tin over 50μ" 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



CATALOG NO	NO.OF CONTACTS	TABLE OF DIMENSIONS		
		A±0.30	BE0.25	CE0.30I D±0.20
DILB8P-2231XX	8P	10.16	7.62	
DILB14P-2231XX	14P	17.78	15.24	
DILB16P-2231XX	16P	20.32	17.78	10.16
DILB18P-2231XX	18P	22.86	20.32	7.62
DILB20P-2231XX	20P	25.40	22.86	
DILB24P-2241XX	24P	30.48	27.94	
DILB24P-2231XX	24P	30.48	27.94	
DILB28P-2231XX	28P	35.56	33.02	
DILB32P-2231XX	32P	40.64	38.10	17.78
DILB40P-2231XX	40P	50.80	48.26	
DILB42P-2231XX	42P	53.34	50.80	15.24



5.1±0.15
3.15±0.30

NOTES

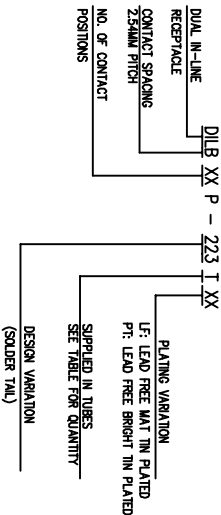
1. MATERIALS
HOUSING: POLYAMIDE, UL94V-0 COLOR IN BLACK.
CONTACT: COPPER ALLOY.

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) OPERING TEMPERATURE: CONTINUOUS, -55C TO 105C.
- 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) IS APPLIED FOR 0.75 MILLISECOND;
- L) FLAMABILITY: UL94 V-0;
- M) INSERTION FORCE 340.2g /CONTACT MAX.;
- WITHDRAWAL FORCE: 14.5g/CONTACT MIN.;

OPERING INFORMATION



4. DILBXXP-2231XX: THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PER PERK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.

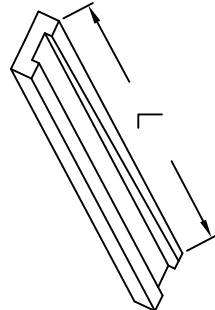
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litr	ecn no.	dr	date	linear	projection	title	product family	EDGE CARD	code
A	T06-0016	W/L	1/24/05	.XX ± 0.2		DILB ASSEMBLY			TWN
B	T06-0053	J/H	3/28/06	.XXX ± 0.05					
C	T06-0068	J/H	7/7/06	0° ± Z'					
		dr	WADE LIU	01/05/05	MM				
		engr	WADE LIU	01/05/05	scale				
		chf	WADE LIU	01/05/05	1:1				
		appd	STERLING LIN	01/08/05					
sheet	revision	C	C	C					
index	sheet	1	2						

ACAD

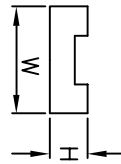
3

cgge code
22526

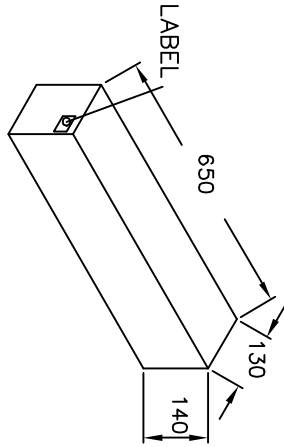
4



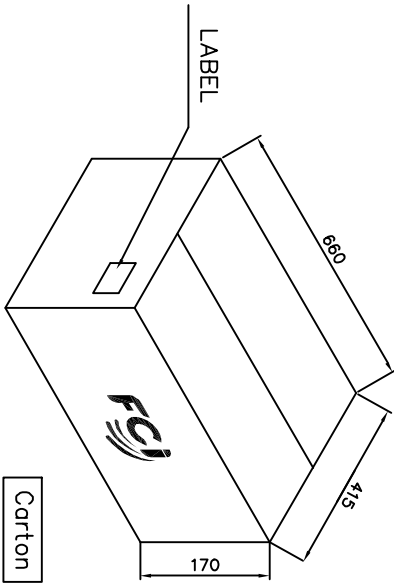
L	635	635
W	136	136
H	116	116



Tube



Box



Carton

DILB PACKING LIST FOR TUBE

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

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI		title		product family		code	
itr	ecn no	dr	date	linear	.XX ± 0.3	projection		DILB ASSEMBLY	EDGE CARD	TWIN			
C					.XXX ± 0.05	MM			10052485	2 of 2			
				angles	0° ± 2°	scale	1:1						
				dr	WADE LIU	01/05/05							
				engr	WADE LIU	01/05/05							
				chr	WADE LIU	01/05/05							
				appd	STERLING LIN	01/08/05							
sheet	revision	C	C										
index	sheet	1	2										

ACAD

code code
22526