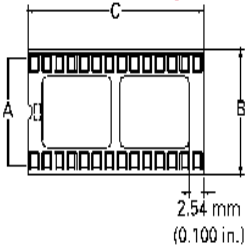


**DILB28P-223TLF - DIP : DIP
Socket, Stamped and Formed**



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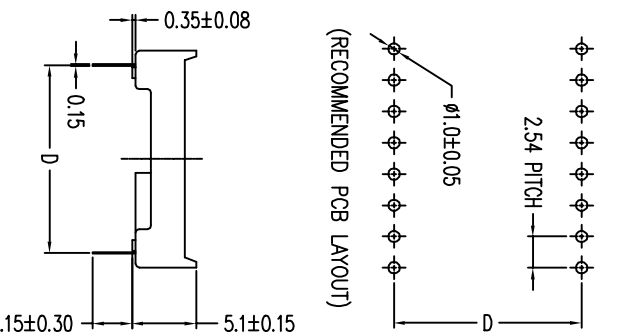
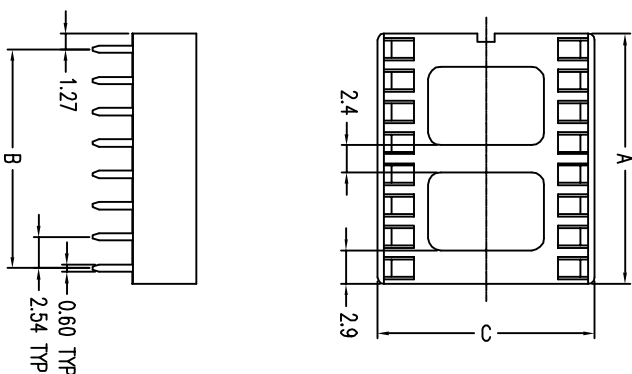
Specifications

General	
Contact type	SAF
Number of contacts	28
Number of contacts (per row)	14
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)	15.24 mm
Dim D (mm)	15.24 mm
Spacing (Contact)	2.54 mm (0.1 in.) Pitch
Dim A (in)	1.4 in.
Dim A (mm)	35.56 mm
Dim B (in)	1.3 in.
Dim B (mm)	33.02 mm
Dim C (in)	0.7 in
Dim C (mm)	17.78 mm
Spacing (Row to row)	15.24 mm (0.6 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

- MATERIALS
HOUSING: POLYAMIDE, UL94V-0 COLOR IN BLACK.
CONTACT: COPPER ALLOY.
 - FINISH
100µ" MIN. MATTE OR BRIGHT TIN OVER 50µ" MIN. NICKEL.
 - PERFORMANCE CHARACTERISTICS
 - OPERATING VOLTAGE: 200VAC;
 - CONTACT RESISTANCE: 30 MILLIOHMS MAX. AT 6 VDC;
 - CURRENT RATING: 1 AMP. MAX.;
 - OPERING TEMPERATURE: CONTINUOUS, -55C TO 105C.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN AT 500 VDC;
 - DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC RMS MIN.;
 - DURABILITY: NO ELECTRICAL DEGRADATION AFTER 25 CYCLES;
 - THERMAL SHOCK: NO PHYSICAL OR ELECTRICAL DEGRADATION PER MIL-STD-1344, METHOD 1003, COND A;
 - MOISTURE RESISTANCE: 300 MEGOHMS MIN PER MIL-STD-202, METHOD 106, OMIT STEPS 7a AND 7b;
 - VIBRATION: NO ELECTRICAL INTERRUPTION GREATER THAN 1 MICROSECOND PER MIL-STD-1344, METHOD 2005 COND III;
 - MECHANICAL SHOCK: NO ELECTRICAL INTERRUPTION GREATER THAN 1 MICROSECOND WHEN 17.64 oz (500g) IS APPLIED FOR 0.75 MILLISECOUNDS;
 - FLAMABILITY: UL94 V-0;
 - INSERTION FORCE 340.2g /CONTACT MAX.; WITHDRAWAL FORCE: 14.5g/CONTACT MIN.;
- OPERING INFORMATION
- DILB XX P - 223 1 XX
- DUAL IN-LINE RECEPTACLE
- CONTACT SPACING 25MM PITCH
- NO. OF CONTACT POSITIONS
- PLATING VARIATION
LF: LEAD FREE MAT TIN PLATED
PF: LEAD FREE BRIGHT TIN PLATED
- SUPPLIED IN TUBES
SEE TABLE FOR QUANTITY
- DESIGN VARIATION (SOLDER TAIL)
4. DILBXXP-2231XX: THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PER PERK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.

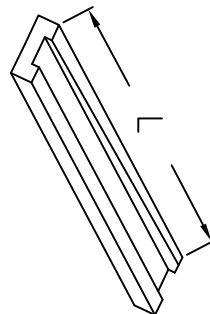
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litr	ecn no.	dr	date	linear	projection	title	product family	EDGE CARD	code
A	T06-0016	W/L	1/24/05	.XX ± 0.2		DILB ASSEMBLY			TWN
B	T06-0053	J/H	3/28/06	.XXX ± 0.05					
C	T06-0068	J/H	7/7/06	0° ± Z'					
		dr	WADE L/U	01/05/05	MM				
		engr	WADE L/U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

ACAD

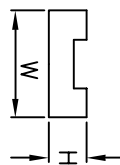
3

cgge code
22526

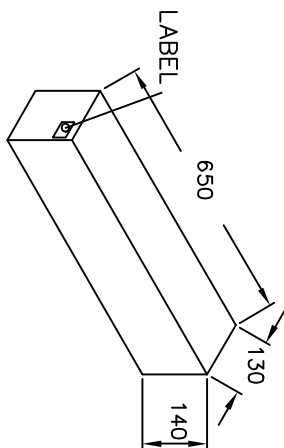
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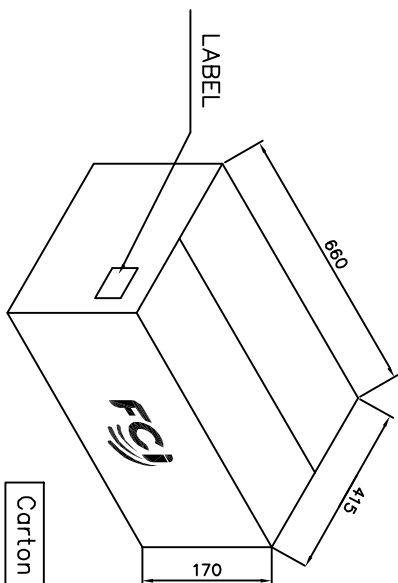
L	635	635
W	136	136
H	116	116



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		EDGE CARD		code	
itr	ecn no	dr	date	linear	.XX ± 0.3	projection				MM	product family	EDGE CARD	code	TWIN	
C				.XXX ± 0.05	0° ± 2°				1:1	MM	size dwg no	10052485	sheet	2 of 2	
				angles							scale		sheet	2 of 2	
				dr	WADE LIU										
				engr	WADE LIU										
				chr	WADE LIU										
				appd	STERLING LIN										
sheet	revision	C	C												
index	sheet	1	2												

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22526