

Signal Segment		Power Segment			
Name	Type	Name	Type	Name	Type
S1	GND	P1	V33	P9	V5
S2	A+	P2	V33	P10	GND
S3	A-	P3	V33	P11	DAS/DSS
S4	GND	P4	GND	P12	GND
S5	B-	P5	GND	P13	V12
S6	B+	P6	GND	P14	V12
S7	GND	P7	V5	P15	V12
		P8	V5		

Part Number	Dim`A`
CSAT-M22VD30-HG	2.10mm
CSAT-M22VD30-HH	3.00mm

NOTES:

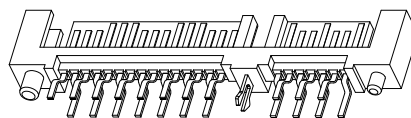
- Material:**
 Housing: LCP+50%G.F, UL 94V-0 Rated.
 Color: Black.
 Contact: Brass.
 Plating: Gold Plating over Nickel on Contact Area.
 Tin Plating on Solder Tail.
 Harpoon: Brass.
 Plating: Tin Plating over Nickel.
- Mechanical:**
 Insertion Force: 45N Max.
 Withdrawal Force: 10N Min.
 Durability: 500 Cycles
- Electrical Specification:**
 Operation Voltage: 100VAC Max.
 Current Rating: 1.5 Ampere per Contact.
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500 VAC.
- Environmental:**
 Operating Temperature: -55°C to +85°C

Part Number:

CSAT-M22VD30-HG

Serial ATA Series
 M: Male Type
 22: 7+15Pins
 V: Vertical Type

HG: DIP=2.10mm
 HH: DIP=3.00mm
 0: Black Color
 3: 15u" Plating
 D: DIP Type



P.C.B LAYOUT(T=1.60mm)
COMPONENT SIDE

A	08/02/10	RELEASED FOR PRODUCTION		DESCRIPTION	
REV	DATE	DESCRIPTION			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE			
DECIMALS	ANGLES	APPROVALS	DATE		
.X ± .38	± 3°	DRAWN	Chris	08/02/10	
.XX ± .25		CHECKED	Cindy	08/02/10	
.XXX ± .20		APPV	Jason	08/02/10	
DO NOT SCALE DRAWING		SHEET	1 OF 1	SCALE	NONE
		DWG. NO.	CSAT-M22-0HG		
		REV.	A		



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Conn-Link Technology Inc.

Serial ATA 7+15P Male, Vertical Type
Double Row, DIP=2.10mm