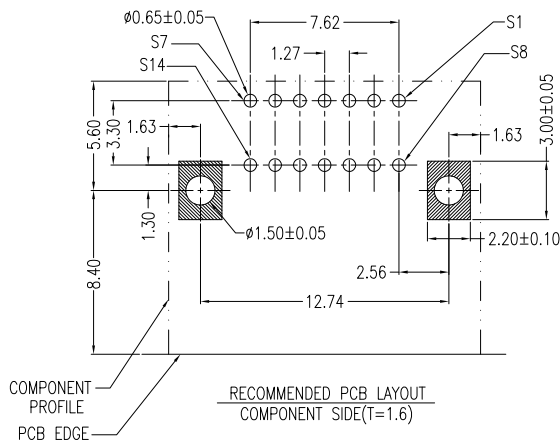


SECT A-A

SECT B-B



Signal Segment

Top Port		Bottom Port	
Name	Type	Name	Type
S1	GND	S8	GND
S2	A+	S9	A+
S3	A-	S10	A-
S4	GND	S11	GND
S5	B-	S12	B-
S6	B+	S13	B+
S7	GND	S14	GND

NOTES:

1. Material:

Housing: Nylon46+30% G.F., UL 94V-0 rated.
 Color: Blue.
 Contact: Brass
 Plating: Gold Plating over Nickel on Contact Area.
 Tin Plating on Solder tail.
 Harpoon: Brass.
 Plating: Tin Plating over Nickel.

2. Mechanical:

Insertion Force: 45N Max.
 Withdrawal Force: 10N Min.
 Durability: 500 Cycles

3. Electrical Specification:

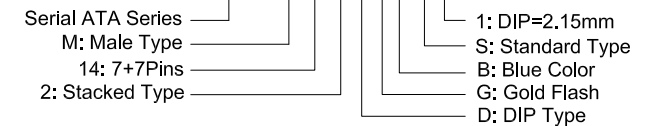
Operation Voltage: 100VAC Max.
 Current Rating: 1.5 Ampere per Contact.
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500 VAC.

4. Environmental:

Operating Temperature: -55°C to +85°C

Part Number:

CSAT-M142DGB-S1



A	01/14/10	RELEASED FOR PRODUCTION	
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
.XX ± .25		CHECKED	Cindy
.XXX ± .20		APPV	Jason
DO NOT SCALE DRAWING		SHEET	1 OF 1
		SCALE	NONE
		DWG. NO.	CSAT-M14-BS1
		REV.	A



Serial ATA, 7+7P, Male, Shrouded, Stacked Type
 DIP Type 2.15mm, Gold Flash, Blue Color