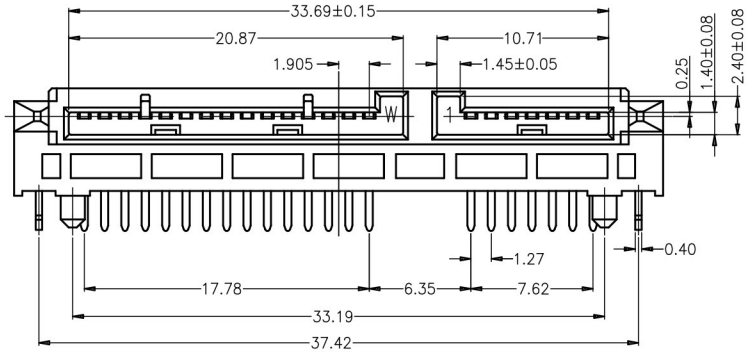
PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

REV.	ECN. NO.	DESCRIPTION	ENG	DATE
A		INITIAL	Vegas	09/29/10'
B		UPDATE DRAWING	Knight	01/05/14'



Pin NO.	Power Name	Pin NO.	Power Name
P1	V33	P9	V5
P2	V33	P10	GND
P3	V33	P11	DAS/DSS
P4	GND	P12	GND
P5	GND	P13	V12
P6	GND	P14	V12
P7	V5	P15	V12
P8	V5		

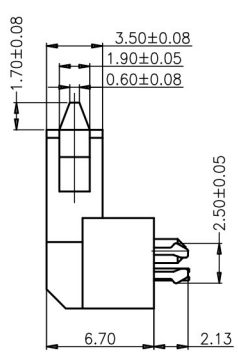
Pin NO.	Signal Name
S1	GND
S2	A+
S3	A−
S4	GND
S5	B−
S6	B+
S7	GND

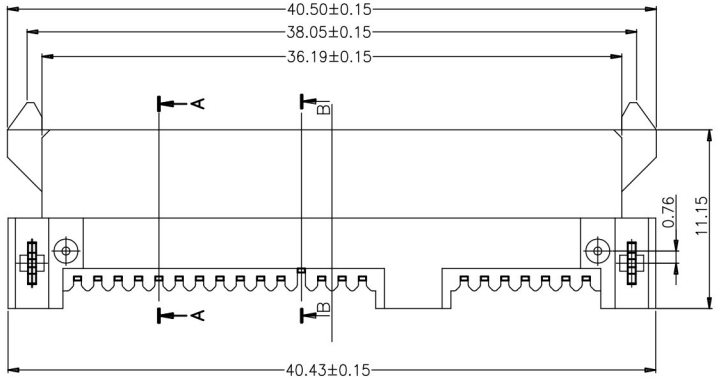
NOTES:
1. Operation Voltage: 100 VAC max.
2. Current Rating: 1.5 Ampere per contact
3. Contact Resistance: 30 Milliohms max.
4. Insulation Resistance: 1000 Megohms min.
5. Dielectric Withstanding Voltage: 500 VAC
6. Insertion Force: 45N max.
7. Withdrawal Force: 10N min.
8. Durability: 500 cycles
9. Operating Temperature: −55°C to +125°C

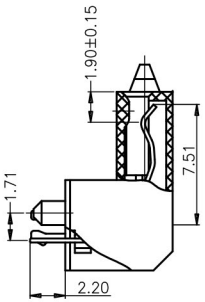
ORDER INFORMATION

SATR−2G 22−B K 5 0 U
① ② ③④⑤⑥⑦

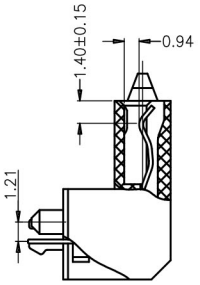
1. TYPE:
   SATR−2G: SATA 7+15P DIP FEMALE REVERSE
2. POSITIONS:
   22: 22 POSITIONS
3. INSULATOR MATERIAL:
   B: LCP
4. INSULATOR COLOR:
   K: BLACK
5. CONTACT PLATING:
   5: GOLD 15u"
6. SHIELD PLATING:
   0: NONE SHIELD
7. PACKING
   U: TUBE



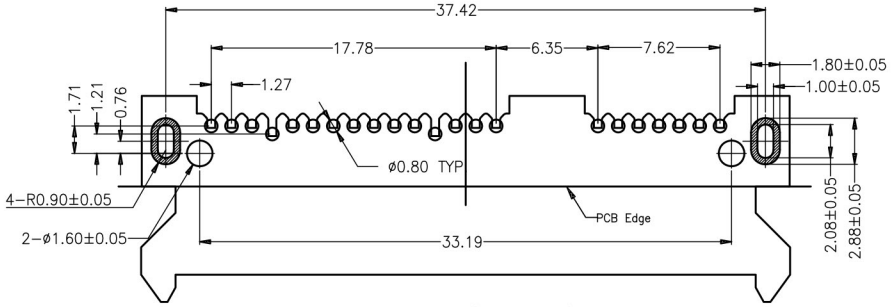




SECT A−A



SECT B−B



PCB LAYOUT(T=1.60mm)
COMPONENT SIDE

ITEM	NAME	Q'TY	DESCRIPTION	NOTE
3	HARPOON	2	BRASS,TIN 100u" MIN PLATING OVER NICKEL 50u" MIN UNDER PLATING	
2	CONTACT	22	PHOSPHOR BRONZE,GOLD PLATING OVER 30u" MIN, NICKEL ON CONTACT AREA, 80u" MIN TIN PLATING ON SOLDER TAIL.	
1	HOUSING	1	LCP+50%G.F.	BLACK, UL94 V−0

GENERAL TOLERANCE	ANGLE TOLERANCE
X.± 0.50	X°± 5.0°
.X± 0.38	.X°± 3.0°
.XX± 0.25	.XX°± 2.0°
.XXX± 0.15	.XXX°± 1.0°

MATL SEE BOM
FINISH SEE NOTES
SCALE N/A UNIT mm
SHEET 1 OF 1

DRAWN DATE 01/05/15'
CHECKED DATE
APPROVED DATE 01/05/15'

GENESIS TECHNOLOGY,INC

TITLE. SATA 7+15P DIP FEMALE REVERSE
PART NUMBER. SATR-2G22-BK50U
DRAWING NO. GTi10-25131
SIZE A4
REV. B