



Signal Segment	Pin No.	Type	Power Segment	Pin No.	Type
S1	GND	GND	P1	V33	V33
S2	AT	AT	P2	V33	V33
S3	AT	AT	P3	V33	V33
S4	AT	AT	P4	GND	GND
S5	AT	AT	P5	GND	GND
S6	AT	AT	P6	GND	GND
S7	GND	GND	P7	V33	V33
S8	GND	GND	P8	V33	V33
S9	AT	AT	P9	V33	V33
S10	AT	AT	P10	GND	GND
S11	GND	GND	P11	DSS/DSS	DSS/DSS
S12	B+	B+	P12	GND	GND
S13	B-	B-	P13	V12	V12
S14	GND	GND	P14	V12	V12
S15	GND	GND	P15	V12	V12

SPECIFICATIONS:
 Material: LCP, glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contacts: Brass
 Harpoon: Phosphor Bronze
 Plating: 30u" Gold over Nickel underplate in contact area, Tin over Copper underplate on tails
 Electrical: Current rating: 1.5 Amps max
 Contact resistance: 30 mohms max
 Insulation resistance: 1,000 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 500 VAC for 1 minute
 Temperature Rating: Operating temperature: 0C to +55°C
 Environmental: Lead free, RoHS compliant
 Recommended soldering temp: 260°C for 5 seconds

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES [MM] TOLERANCES: EXCEPT AS NOTED

INCHES	± .10	ØXX	± .10
INCHES	± .020	ØXXX	± .015
INCHES	± .015	ØXXX	± .010

APPROVALS: _____ DATE: _____

DRAWN	TW	01/09/12
CHECKED	AY	01/09/12
APPROVED		



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TITLE
 SATA CONNECTOR, 7P + 15P + 7P, SMT TYPE, MALE, 30 u" GOLD PLATED, REVERSE TYPE

SIZE	PART NO.	REV.
X	SATA-A12-PM-SMT-P-30-R	-

REF: S00078T SCALE: NTS SHEET 1 OF 1