

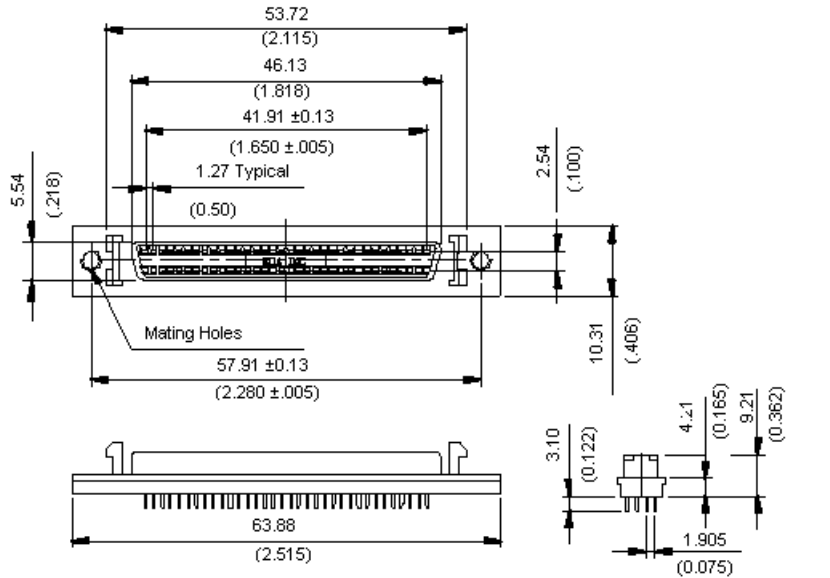


PART NO.

8AT068S - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Puneeth	31/5/05	Shashi	31/5/05	NK	14/6/05



Features:

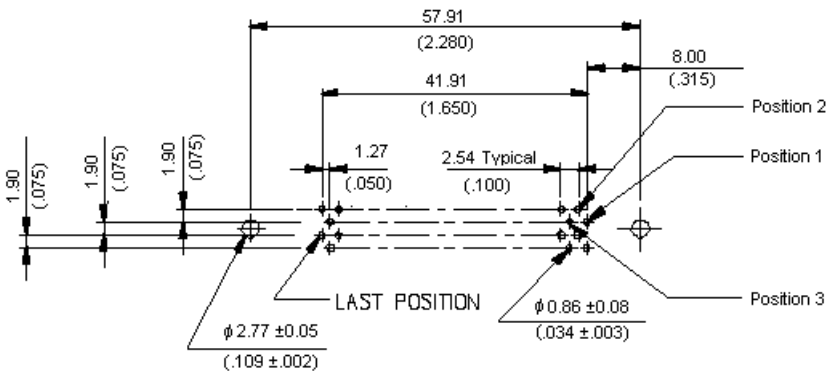
- High density SCS12 straight connector.
- PCB mounting.
- Conforms to ANSI specifications.

Specifications

Insulator Material	: PBT with Glass - Fibre Reinforced.
Contact Material	: Phosphor Bronze, Gold over Nickel.
Current Rating	: 1A.
Contact Resistance	: 35mΩ maximum.
Dielectric Withstanding Voltage	: 250V ac for 1 minute.
Operating Temperature	: -55°C to +105°C.
Insulation Resistance	: 500MΩ minimum.

Part Number

Number of Ways	Part Number
68	8AT068S-32521-AN
	8AT068S-32543-AN



Recommended PCB Hole Pattern

Dimensions : Millimetres (Inches)

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CHECKED BY:	DATE:
Shashi	31/05/05
APPROVED BY:	DATE:
NK	14/06/05

DRAWING TITLE:

8AT068S series - PCB Mounting Sockets - Straight

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M100000077	32619_DWG	
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 1 OF 3	



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Part Number Explanation:

**8AT 068 S - 3 2 5 2 1 - AN**

- Suffix Number** : AN.
- Bracket Type** : 1 = Without Rails and With Latch Blocks.  
3 = Without Rails and Latch Blocks.
- Mating Holes** : 2 = 2 x 56 UNC.  
4 = 4 x 40 UNC.
- Metal Shell Finish** : 5 = Nickel Plated Shell, W/O Grounding Indents.
- Contact Finish** : 2 = 15µ" Selective Gold over 50µ" Nickel.
- Colour (Insulator)** : 3 = Black.
- Contact Type** : S = Receptacle.
- Number of Contacts** : 068 = 68 Positions.
- Series Number** : 8AT = High Density 1.27 (.050") Spacing Mini Connector Straight PCB Type.

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<b>SCALE:</b> NTS	<b>U.O.M.:</b> mm (Inches)	<b>SHEET:</b> 2 OF 3	



PART NO.

8AT068S-Series

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