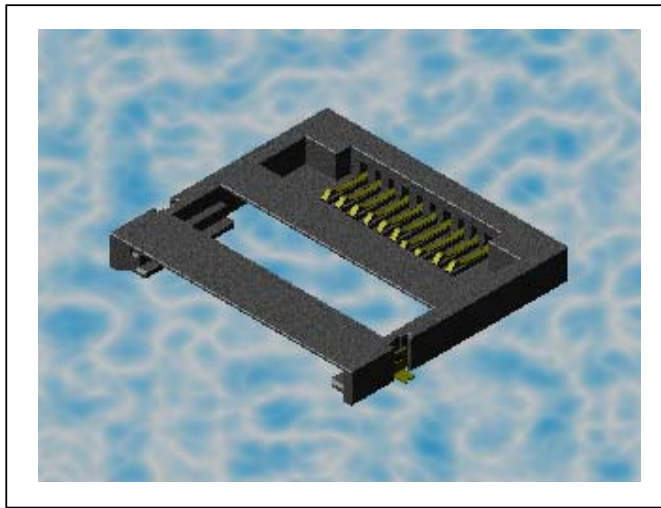


## **The P-Tag Connector**

Engineered specifically for SanDisk Corporation  
Represented By Bestan Inc.



For further information and/or to place orders, please contact:

Bestan Inc.

9515 Soquel Dr., #204

Aptos, CA 95003, USA

Ph: (831) 688-0881

Fax: (831) 688-3482

## What is a P-Tag?

The SanDisk Personal Tag (P-Tag) is an innovative and practical flash storage device created to provide the ability to carry your personal information with you at all times. It was designed specifically for the US Army to be a comfortable enough to wear 24 hours a day, 7 days a week, but yet rugged enough to meet the demands of combat environments.



The P-tag connector will be implemented in Readers and Host Devices. It will also be used in a multitude of Host Devices for the Military and Medical Industry. It has ten contacts in 2.00mm pitch and two grounding pads with unshielded top-mount type. The P-Tag Connector is 33.5mm length, 37.07mm width and 4.32mm thickness.

## Applications:

Card Readers, Notebook Computers, Handheld Computers and Portable Consumer Products

## Specifications:

### Mechanical

Insertion Force: 2.0 Kg Max

Retention Force: 0.5 Kg Min

Contact Retention: 1.0 Kg Min

### Electrical

Rated Current: 1.0 Amp (AC/DC)

Rated Voltage: 100 V

Insulator Resistance: 1000 M $\Omega$  Min

Contact Resistance: 40 m $\Omega$  Max

## Solderability

Solder ability 95%

Solder time:  $3 \pm 0.5$  sec

Solder temperature:  $230 \pm 5$  deg.

## Material

Item	Part	Material	Finish	Remarks
Composition	Insulator	LCP	Black	UL94V-0
	Contact	Phosphor bronze	Gold plating	

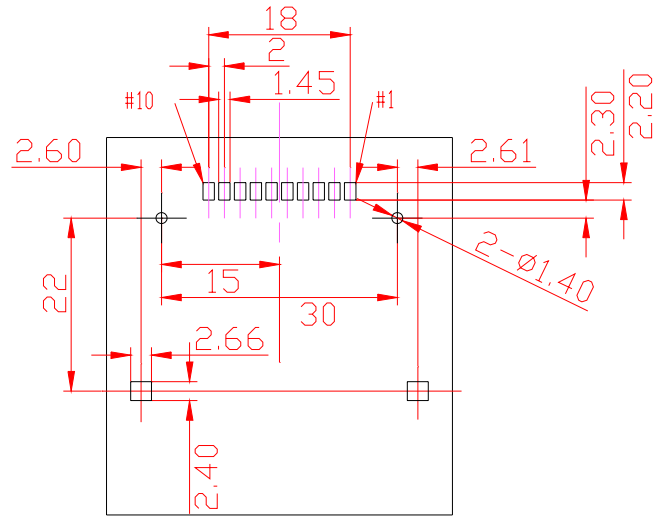
## Ordering Information

<b>427</b>	<b>DA1 -</b>	<b>10</b>	<b>P</b>	<b>X</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>
1	2	3	4	5	6	7	8	9

### KEY

- |                         |   |
|-------------------------|---|
| 1. Series No.           | <b>427</b> = P-Tag Connector                                |
| 2. Type                 | <b>DA1</b> = Normal Mount Type SMT                          |
| 3. Contact Number       | <b>10</b> = 10 Position                                     |
| 4. Contact Type         | <b>P</b> = Non Distribution                                 |
| 5. Contact Area Plating | <b>B</b> = 10 $\mu$ <b>D</b> = 30 $\mu$ <b>C</b> = 15 $\mu$ |
| 6. Connector Type       | <b>0</b> = PCMCIA type <b>1</b> = Single type               |
| 7. Fill it with "0"     | <b>0</b>  |
| 8. Fill it with "0"     | <b>0</b>  |
| 9. Insulator Color      | <b>3</b> = Black  |

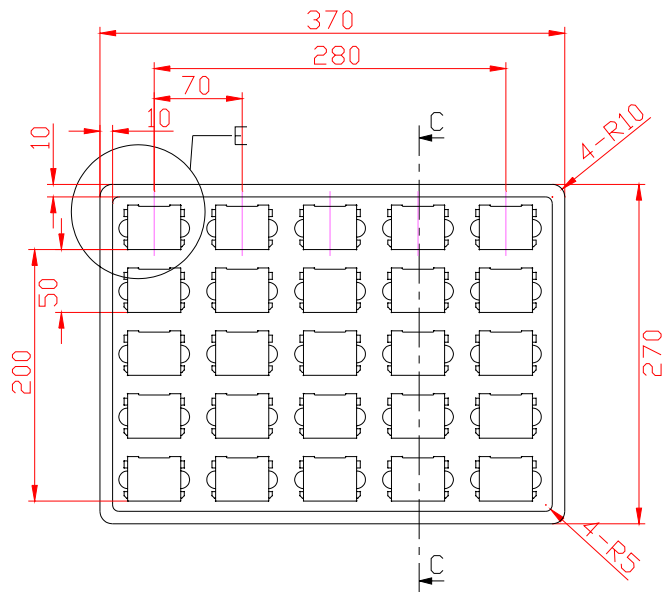
## Personal-Tag Connector PCB Layout



## Packing Method

Material: PS

Packing Style: 25 Pieces / Tray (500 Pieces / Carton)



## Packing Method (con't)

Material: PS

Packing Style: 25 Pieces / Tray (500 Pieces / Carton)

