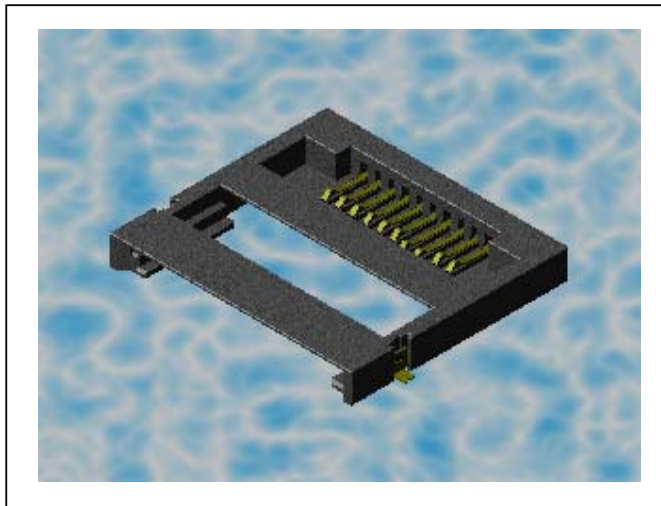# The P-Tag Connector

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 MΩ Min
Contact Resistance: 40 mΩ Max

Solderbility

Solder ability 95%

Solder time: 3 ± 0.5 sec

Solder temperature: 230±5 deg.

Material

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

Ordering Information

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

KEY

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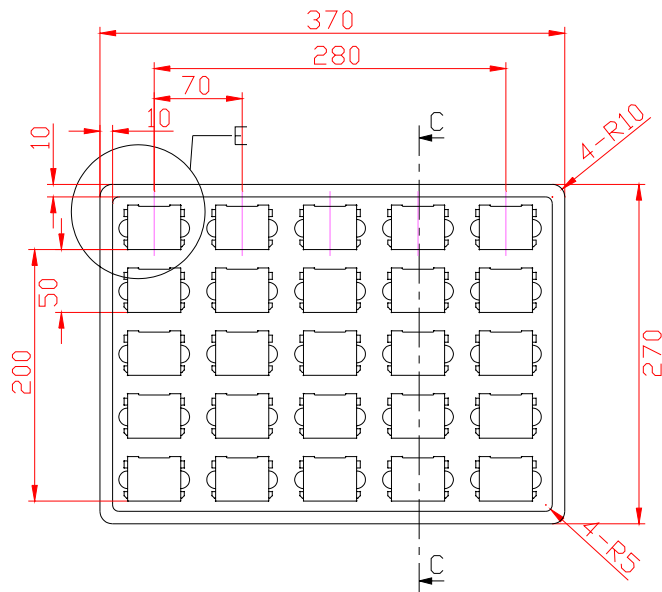9. Insulator Color **3** = Black

Personal-Tag Connector PCB Layout

RECOMMENDED PCB LAYOUT
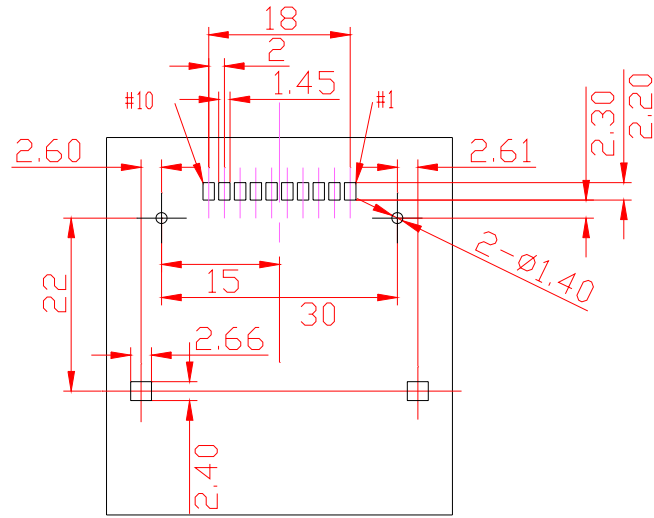
Packing Method

Material: PS

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

Packing Method (con't)

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