Tactile Push Button 12mm x 12mm x 7.3mm – 25 Pcs with 5 Color Caps

The **Tactile Push Button 12mm x 12mm x 7.3mm** set is an essential component for electronics hobbyists, prototypers, and engineers. This pack includes **25 high-quality tactile switches** with **5 different colored caps** (red, yellow, green, blue, and white), making them not only functional but also versatile for a wide variety of projects.

These push buttons are widely used in DIY electronics, Arduino projects, Raspberry Pi applications, and embedded systems where reliable input control is required. With their durable design and standard size, they are perfect for breadboard prototyping, PCB mounting, and even final product assemblies.

🔹 High-Quality Build and Standard Size

The buttons measure **12mm x 12mm with a height of 7.3mm**, making them a standard size that fits most prototyping boards and enclosures. Each switch has a **tactile feedback mechanism**,

providing a crisp "click" when pressed. This ensures reliability and accuracy in applications where user input matters.

🔹 Color-Coded Caps for Easy Identification

One of the highlights of this pack is the inclusion of **five different color caps**. The colored tops not only add a professional look to your project but also serve as a functional way to distinguish between different inputs. For example:

- **Red** for power or reset buttons.
- **Green** for start or activation functions.
- **Yellow** for warning or test inputs.
- **Blue** for mode selection.
- **White** for general-purpose use.

This makes the kit especially useful in projects where multiple push buttons are needed, helping users quickly identify functions.

🔹 Reliable Performance

Each tactile push button is built to last, with a long lifespan of thousands of presses. They are designed to provide consistent performance with stable contact resistance, ensuring that your project runs smoothly without input errors.

🔹 Easy to Use and Versatile

The **Tactile Push Button 12mm x 12mm x 7.3mm** is compatible with a wide range of microcontrollers and platforms. Whether you are working on an **Arduino project, Raspberry Pi-based system, or custom PCB design**, these buttons integrate easily. They can be used for:

- Reset and power buttons
- Menu navigation in custom displays
- User input in IoT devices
- Control switches for robotics
- DIY game controllers and keypads
- Prototyping interactive electronics

🔹 Technical Specifications

- **Type:** Tactile push button switch
- **Dimensions:** 12mm x 12mm x 7.3mm
- **Pack Quantity:** 25 pieces
- **Cap Colors:** Red, Green, Blue, Yellow, White
- **Switch Action:** Momentary, normally open (NO)
- **Mounting:** Through-hole

- **Lifespan:** Thousands of actuations
- **Applications:** Prototyping, embedded systems, Arduino, Raspberry Pi, IoT devices

🔹 Applications in Electronics Projects

This push button kit is perfect for both beginners and advanced users. Some real-world applications include:

- **Arduino controllers** for robotics and smart systems.
- **User interface buttons** for DIY gadgets.
- **Learning kits** for students studying electronics.
- **Interactive exhibits** and prototypes that need durable buttons.
- **Custom control panels** for automation projects.

The versatility and durability of these tactile switches make them a must-have for any electronics toolkit.

🔹 Key Benefits

✓ Durable ABS material and long-lasting performance.
✓ Standard 12mm x 12mm size fits breadboards and PCBs.
✓ Crisp tactile feedback for accurate user input.
✓ Five color caps for easy identification and professional look.
✓ Affordable bulk pack of 25 switches.

✅ **Conclusion:**
The **Tactile Push Button 12mm x 12mm x 7.3mm – 25 Pcs with 5 Color Caps** is the perfect solution for anyone looking to add reliable and easy-to-use input controls to their electronic projects. With durable construction, multiple colors for easy identification, and wide compatibility with Arduino, Raspberry Pi, and other platforms, this kit is an essential addition to every maker's or engineer's toolbox. Whether for prototyping or final product use, these tactile switches deliver both functionality and style.