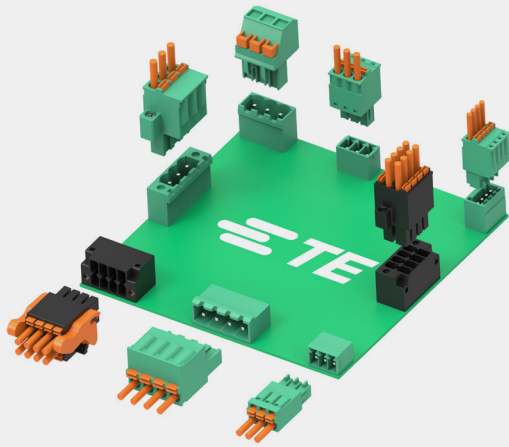




# 5.0 MM AND 5.08 MM PUSH-IN PCB TERMINAL BLOCK CONNECTORS

## TIME SAVING CONNECTIVITY

TE Connectivity (TE) is expanding its terminal block (TB) connectors portfolio with 5.0 mm and 5.08 mm pitch push-in clamp termination PCB connectors to provide for virtually tool - less wire insertion of ferruled and unferruled wires. Comparing this to a standard screw-clamp termination, installation labor time can be reduced by up to 80%, resulting in significant cost savings. The design of the PCB terminal blocks in 2.5 mm, 3.5 mm, 3.81 mm, 5.0 mm and 5.08 mm pitches consists of two-piece plug connectors with mating straight and right-angle shrouded headers. This product range is intended for use in high-density signal and power applications in control systems.

### BENEFITS

- Push-in clamp termination leads to reduced labor costs because of the shorter wiring time
- Design flexibility from various pitches and number of positions supports use in a wide range of applications, including harsh environments
- Maintenance reduced push-in clamp technology limits downtime and provides reliability of manufacturing process equipment and control devices

# PUSH-IN PCB CONNECTORS

## APPLICATIONS

- Servo / inverter drives
- Industrial controls / PLC (Programmable Logic Controller)
- Safety controls / modules
- Power supply units
- HVAC (Heating Ventilation Air Conditioning)

## FEATURE

- Centerline:  
2.5 mm / 0.098 inches  
3.5 mm / 0.138 inches  
3.81 mm / 0.15 inches  
5.0 mm / 0.197 inches  
5.08 mm / 0.2 inches
- Connector Size: Single row, Dual row  
(Refer specification table for number of positions)

## MATERIALS

- Housing: Polyamide, UL94 V0, green/black;  
Headers housing (HT) - LCP UL V0
- Terminals: Copper Alloy, Tin Plated
- Push Button: POM (Polyoxymethylene), UL94 HB, Orange
- Spring: Steel

## STANDARD

- RoHS & REACH compliant
- UL certified

## HEADER SPECIFICATION (MECHANICAL, ELECTRICAL, ENVIRONMENTAL)

| Pitch(mm) | Current(A) | Insulation resistance | Insulation with standing voltage(VAC) | Operating Voltage(V) | Wire range(AWG) | PCB Hole Diameter (mm) | Operating Temperature                | Soldering Temperature |
|-----------|------------|-----------------------|---------------------------------------|----------------------|-----------------|------------------------|--------------------------------------|-----------------------|
| 2.5       | 4          | >1000 MΩ (500V DC)    | 1300                                  | 150                  | 20-28           | 1.4                    | -40 °C to 115 °C (-40 °F to +239 °F) | 260 °C                |
| 3.5       | 8          |                       | 1600                                  | 150                  | 16-24           |                        |                                      |                       |
|           |            |                       |                                       | 300(HT )             |                 |                        |                                      |                       |
| 3.81      | 8          |                       |                                       | 300                  | 16-28           | 1.5                    |                                      |                       |
| 5         | 15         |                       |                                       |                      | 24-14           |                        |                                      |                       |
| 5.08      | 10         |                       |                                       |                      | 26-12           |                        |                                      |                       |

### Note:

HT- High temperature

Table-1

## PLUG SPECIFICATION (MECHANICAL, ELECTRICAL, ENVIRONMENTAL)

| Pitch(mm) | Current(A) | Insulation resistance | Insulation with standing voltage(VAC) | Operating Voltage(V) | Wire range(AWG) | Operating Temperature                   |
|-----------|------------|-----------------------|---------------------------------------|----------------------|-----------------|-----------------------------------------|
| 2.5       | 4          | >1000 MΩ (500V DC)    | 1300                                  | 150                  | 20-28           | -40 °C to 115 °C<br>(-40 °F to +239 °F) |
| 3.5       | 8          |                       | 1600                                  | 150                  | 16-24           |                                         |
|           |            |                       |                                       | 300                  |                 |                                         |
| 3.81      | 8          |                       |                                       | 300                  | 16-28           |                                         |
| 5         | 15         |                       |                                       |                      | 24-14           |                                         |
| 5.08      | 10         |                       |                                       |                      | 26-12           |                                         |

Table-2

# PUSH-IN PCB CONNECTORS

## PART NUMBERS : MATING TABLE

| Pitch(mm) | Plug Type    |            | TE Plug series(180°) | Mating TB Header |          | Color      | Available positions | No of rows |
|-----------|--------------|------------|----------------------|------------------|----------|------------|---------------------|------------|
|           | Screw Flange | Side latch |                      | VER(180°)        | HRZ(90°) |            |                     |            |
| 2.5       | NA           | NA         | 2842528              | 2842529          | 2842530  | Green      | 2-24                | 1          |
| 3.5       | NA           | NA         | 2842474              | 2842476          | 2842478  | Green      | 2-24                | 1          |
|           | Y            | NA         | 2842480              | 2842484          | 2842482  | Green      | 2-24                | 1          |
|           | NA           | NA         | 2842487              | 2842489          | 2842491  | Black (HT) | 4-48                | 2          |
|           | Y            | NA         | 2842493              | 2842495          | 2842497  | Black (HT) | 4-48                | 2          |
|           | NA           | Y          | 2842499              |                  |          |            |                     |            |
| 3.81      | NA           | NA         | 2842500              | 2842502          | 2842504  | Green      | 2-24                | 1          |
|           | Y            | NA         | 2842506              | 2842508          | 2842510  | Green      | 2-24                | 1          |
| 5.0       | NA           | NA         | 2842543 (90°)        | 2842545          | 2842547  | Green      | 2-4                 | 1          |
| 5.08      | NA           | NA         | 2842514              | 2842516          | 2842518  | Green      | 2-10                | 1          |
|           | Y            | NA         | 2842520              | 2842522          | 2842524  | Green      | 2-10                | 1          |

Table-3

# PUSH-IN PCB CONNECTORS

## PART NUMBER DEFINITION

| Pitch(mm) | Base Number | TEPN        | Description                         | Pitch(mm) | Base Number | TEPN        | Description                   |
|-----------|-------------|-------------|-------------------------------------|-----------|-------------|-------------|-------------------------------|
| 2.5       | 2842528     | 2842528-2   | Spring<br>TB Plug<br>2.50 mm, Green | 2.5       | 2842530     | 2842530-2   | TB HDR HZ (90)<br>2.50, Green |
|           |             | 2842528-3   |                                     |           |             | 2842530-3   |                               |
|           |             | 2842528-4   |                                     |           |             | 2842530-4   |                               |
|           |             | 2842528-5   |                                     |           |             | 2842530-5   |                               |
|           |             | 2842528-6   |                                     |           |             | 2842530-6   |                               |
|           |             | 2842528-7   |                                     |           |             | 2842530-7   |                               |
|           |             | 2842528-8   |                                     |           |             | 2842530-8   |                               |
|           |             | 2842528-9   |                                     |           |             | 2842530-9   |                               |
|           |             | 1-2842528-0 |                                     |           |             | 1-2842530-0 |                               |
|           |             | 1-2842528-1 |                                     |           |             | 1-2842530-1 |                               |
|           |             | 1-2842528-2 |                                     |           |             | 1-2842530-2 |                               |
|           |             | 1-2842528-4 |                                     |           |             | 1-2842530-4 |                               |
|           |             | 1-2842528-6 |                                     |           |             | 1-2842530-6 |                               |
|           |             | 2-2842528-0 |                                     |           |             | 2-2842530-0 |                               |
|           |             | 2-2842528-4 |                                     |           |             | 2-2842530-4 |                               |
| 2.5       | 2842529     | 2842529-2   | TB HDR VT<br>2.50, Green            | 3.5       | 2842474     | 2842474-2   | Spring TB Plug<br>3.5, Green  |
|           |             | 2842529-3   |                                     |           |             | 2842474-3   |                               |
|           |             | 2842529-4   |                                     |           |             | 2842474-4   |                               |
|           |             | 2842529-5   |                                     |           |             | 2842474-5   |                               |
|           |             | 2842529-6   |                                     |           |             | 2842474-6   |                               |
|           |             | 2842529-7   |                                     |           |             | 2842474-7   |                               |
|           |             | 2842529-8   |                                     |           |             | 2842474-8   |                               |
|           |             | 2842529-9   |                                     |           |             | 2842474-9   |                               |
|           |             | 1-2842529-0 |                                     |           |             | 1-2842474-0 |                               |
|           |             | 1-2842529-1 |                                     |           |             | 1-2842474-1 |                               |
|           |             | 1-2842529-2 |                                     |           |             | 1-2842474-2 |                               |
|           |             | 1-2842529-4 |                                     |           |             | 1-2842474-4 |                               |
|           |             | 1-2842529-6 |                                     |           |             | 1-2842474-6 |                               |
|           |             | 2-2842529-0 |                                     |           |             | 2-2842474-0 |                               |
|           |             | 2-2842529-4 |                                     |           |             | 2-2842474-4 |                               |

\*Please search part numbers on **te.com**

**Table-4**

# PUSH-IN PCB CONNECTORS

## PART NUMBER DEFINITION

| Pitch(mm) | Base Number | TEPN        | Description               | Pitch(mm) | Base Number | TEPN        | Description                      |
|-----------|-------------|-------------|---------------------------|-----------|-------------|-------------|----------------------------------|
| 3.5       | 2842476     | 2842476-2   | TB HDR VT<br>3.5, Green   | 3.5       | 2842480     | 2842480-2   | Spring TB Plug<br>w/ Flg 3.5, GN |
|           |             | 2842476-3   |                           |           |             | 2842480-3   |                                  |
|           |             | 2842476-4   |                           |           |             | 2842480-4   |                                  |
|           |             | 2842476-5   |                           |           |             | 2842480-5   |                                  |
|           |             | 2842476-6   |                           |           |             | 2842480-6   |                                  |
|           |             | 2842476-7   |                           |           |             | 2842480-7   |                                  |
|           |             | 2842476-8   |                           |           |             | 2842480-8   |                                  |
|           |             | 2842476-9   |                           |           |             | 2842480-9   |                                  |
|           |             | 1-2842476-0 |                           |           |             | 1-2842480-0 |                                  |
|           |             | 1-2842476-1 |                           |           |             | 1-2842480-1 |                                  |
|           |             | 1-2842476-2 |                           |           |             | 1-2842480-2 |                                  |
|           |             | 1-2842476-4 |                           |           |             | 1-2842480-4 |                                  |
|           |             | 1-2842476-6 |                           |           |             | 1-2842480-6 |                                  |
|           |             | 2-2842476-0 |                           |           |             | 2-2842480-0 |                                  |
|           |             | 2-2842476-4 |                           |           |             | 2-2842480-4 |                                  |
| 3.5       | 2842478     | 2842478-2   | TB HDR HZ<br>(90) 3.5, GN | 3.5       | 2842482     | 2842482-2   | TB HDR VT w/<br>Flg 3.5, GN      |
|           |             | 2842478-3   |                           |           |             | 2842482-3   |                                  |
|           |             | 2842478-4   |                           |           |             | 2842482-4   |                                  |
|           |             | 2842478-5   |                           |           |             | 2842482-5   |                                  |
|           |             | 2842478-6   |                           |           |             | 2842482-6   |                                  |
|           |             | 2842478-7   |                           |           |             | 2842482-7   |                                  |
|           |             | 2842478-8   |                           |           |             | 2842482-8   |                                  |
|           |             | 2842478-9   |                           |           |             | 2842482-9   |                                  |
|           |             | 1-2842478-0 |                           |           |             | 1-2842482-0 |                                  |
|           |             | 1-2842478-1 |                           |           |             | 1-2842482-1 |                                  |
|           |             | 1-2842478-2 |                           |           |             | 1-2842482-2 |                                  |
|           |             | 1-2842478-4 |                           |           |             | 1-2842482-4 |                                  |
|           |             | 1-2842478-6 |                           |           |             | 1-2842482-6 |                                  |
|           |             | 2-2842478-0 |                           |           |             | 2-2842482-0 |                                  |
|           |             | 2-2842478-4 |                           |           |             | 2-2842482-4 |                                  |

\*Please search part numbers on **te.com**

**Table-4**

# PUSH-IN PCB CONNECTORS

## PART NUMBER DEFINITION

| Pitch(mm) | Base Number | TEPN        | Description                           | Pitch(mm) | Base Number | TEPN        | Description                               |
|-----------|-------------|-------------|---------------------------------------|-----------|-------------|-------------|-------------------------------------------|
| 3.5       | 2842484     | 2842484-2   | TB HDR HZ (90)<br>w/ Flg 3.5, GN      | 3.5       | 2842489     | 2842489-2   | Dual row,TB HDR<br>VT 3.5, Black          |
|           | 2842484     | 2842484-3   |                                       |           |             | 2842489-3   |                                           |
|           |             | 2842484-4   |                                       |           |             | 2842489-4   |                                           |
|           |             | 2842484-5   |                                       |           |             | 2842489-5   |                                           |
|           |             | 2842484-6   |                                       |           |             | 2842489-6   |                                           |
|           |             | 2842484-7   |                                       |           |             | 2842489-7   |                                           |
|           |             | 2842484-8   |                                       |           |             | 2842489-8   |                                           |
|           |             | 2842484-9   |                                       |           |             | 2842489-9   |                                           |
|           |             | 1-2842484-0 |                                       |           |             | 1-2842489-0 |                                           |
|           |             | 1-2842484-1 |                                       |           |             | 1-2842489-1 |                                           |
|           |             | 1-2842484-2 |                                       |           |             | 1-2842489-2 |                                           |
|           |             | 1-2842484-4 |                                       |           |             | 1-2842489-4 |                                           |
|           |             | 1-2842484-6 |                                       |           |             | 1-2842489-6 |                                           |
|           |             | 2-2842484-0 |                                       |           |             | 2-2842489-0 |                                           |
|           |             | 2-2842484-4 |                                       |           |             | 2-2842489-4 |                                           |
| 3.5       | 2842487     | 2842487-2   | Dual Row,Spring<br>TB Plug 3.5, Black | 3.5       | 2842491     | 2842491-2   | Dual Row, TB<br>HDR HZ (90)<br>3.5, Black |
|           |             | 2842487-3   |                                       |           |             | 2842491-3   |                                           |
|           |             | 2842487-4   |                                       |           |             | 2842491-4   |                                           |
|           |             | 2842487-5   |                                       |           |             | 2842491-5   |                                           |
|           |             | 2842487-6   |                                       |           |             | 2842491-6   |                                           |
|           |             | 2842487-7   |                                       |           |             | 2842491-7   |                                           |
|           |             | 2842487-8   |                                       |           |             | 2842491-8   |                                           |
|           |             | 2842487-9   |                                       |           |             | 2842491-9   |                                           |
|           |             | 1-2842487-0 |                                       |           |             | 1-2842491-0 |                                           |
|           |             | 1-2842487-1 |                                       |           |             | 1-2842491-1 |                                           |
|           |             | 1-2842487-2 |                                       |           |             | 1-2842491-2 |                                           |
|           |             | 1-2842487-4 |                                       |           |             | 1-2842491-4 |                                           |
|           |             | 1-2842487-6 |                                       |           |             | 1-2842491-6 |                                           |
|           |             | 2-2842487-0 |                                       |           |             | 2-2842491-0 |                                           |
|           |             | 2-2842487-4 |                                       |           |             | 2-2842491-4 |                                           |

\*Please search part numbers on **te.com**

**Table-4**

# PUSH-IN PCB CONNECTORS

## PART NUMBER DEFINITION

| Pitch(mm) | Base Number | TEPN        | Description                                   | Pitch(mm) | Base Number | TEPN        | Description                                  |
|-----------|-------------|-------------|-----------------------------------------------|-----------|-------------|-------------|----------------------------------------------|
| 3.5       | 2842493     | 2842493-2   | Dual row, Spring<br>TB Plug w/<br>Flg 3.5, BK | 3.5       | 2842495     | 2842495-2   | Dual Row, TB<br>HDR VT w/<br>Flg 3.5, BK     |
|           |             | 2842493-3   |                                               |           |             | 2842495-3   |                                              |
|           |             | 2842493-4   |                                               |           |             | 2842495-4   |                                              |
|           |             | 2842493-5   |                                               |           |             | 2842495-5   |                                              |
|           |             | 2842493-6   |                                               |           |             | 2842495-6   |                                              |
|           |             | 2842493-7   |                                               |           |             | 2842495-7   |                                              |
|           |             | 2842493-8   |                                               |           |             | 2842495-8   |                                              |
|           |             | 2842493-9   |                                               |           |             | 2842495-9   |                                              |
|           |             | 1-2842493-0 |                                               |           |             | 1-2842495-0 |                                              |
|           |             | 1-2842493-1 |                                               |           |             | 1-2842495-1 |                                              |
|           |             | 1-2842493-2 |                                               |           |             | 1-2842495-2 |                                              |
|           |             | 1-2842493-4 |                                               |           |             | 1-2842495-4 |                                              |
|           |             | 1-2842493-6 |                                               |           |             | 1-2842495-6 |                                              |
|           |             | 2-2842493-0 |                                               |           |             | 1-2842495-7 |                                              |
|           |             | 2-2842493-4 |                                               |           |             | 2-2842495-0 |                                              |
|           |             |             |                                               |           |             | 2-2842495-4 |                                              |
| 3.5       | 2842499     | 2842499-2   | Dual row, Spring<br>TB Plug w/<br>SL 3.5, BK  | 3.5       | 2842497     | 2842497-2   | Dual Row TB<br>HDR HZ (90)<br>w/ Flg 3.5, BK |
|           |             | 2842499-3   |                                               |           |             | 2842497-3   |                                              |
|           |             | 2842499-4   |                                               |           |             | 2842497-4   |                                              |
|           |             | 2842499-5   |                                               |           |             | 2842497-5   |                                              |
|           |             | 2842499-6   |                                               |           |             | 2842497-6   |                                              |
|           |             | 2842499-7   |                                               |           |             | 2842497-7   |                                              |
|           |             | 2842499-8   |                                               |           |             | 2842497-8   |                                              |
|           |             | 2842499-9   |                                               |           |             | 2842497-9   |                                              |
|           |             | 1-2842499-0 |                                               |           |             | 1-2842497-0 |                                              |
|           |             | 1-2842499-1 |                                               |           |             | 1-2842497-1 |                                              |
|           |             | 1-2842499-2 |                                               |           |             | 1-2842497-2 |                                              |
|           |             | 1-2842499-4 |                                               |           |             | 1-2842497-4 |                                              |
|           |             | 1-2842499-6 |                                               |           |             | 1-2842497-6 |                                              |
|           |             | 1-2842499-7 |                                               |           |             | 1-2842497-7 |                                              |
|           |             | 2-2842499-0 |                                               |           |             | 2-2842497-0 |                                              |
|           |             | 2-2842499-4 |                                               |           |             | 2-2842497-4 |                                              |

\*Please search part numbers on [te.com](https://www.te.com)

Table-4

# PUSH-IN PCB CONNECTORS

## PART NUMBER DEFINITION

| Pitch(mm) | Base Number | TEPN        | Description                | Pitch(mm) | Base Number | TEPN        | Description                       |
|-----------|-------------|-------------|----------------------------|-----------|-------------|-------------|-----------------------------------|
| 3.81      | 2842500     | 2842500-2   | Spring TB Plug<br>3.81, GN | 3.81      | 2842504     | 2842504-2   | TB HDR HZ<br>(90) 3.81, GN        |
|           |             | 2842500-3   |                            |           |             | 2842504-3   |                                   |
|           |             | 2842500-4   |                            |           |             | 2842504-4   |                                   |
|           |             | 2842500-5   |                            |           |             | 2842504-5   |                                   |
|           |             | 2842500-6   |                            |           |             | 2842504-6   |                                   |
|           |             | 2842500-7   |                            |           |             | 2842504-7   |                                   |
|           |             | 2842500-8   |                            |           |             | 2842504-8   |                                   |
|           |             | 2842500-9   |                            |           |             | 2842504-9   |                                   |
|           |             | 1-2842500-0 |                            |           |             | 1-2842504-0 |                                   |
|           |             | 1-2842500-1 |                            |           |             | 1-2842504-1 |                                   |
|           |             | 1-2842500-2 |                            |           |             | 1-2842504-2 |                                   |
|           |             | 1-2842500-4 |                            |           |             | 1-2842504-4 |                                   |
|           |             | 1-2842500-6 |                            |           |             | 1-2842504-6 |                                   |
|           |             | 2-2842500-0 |                            |           |             | 2-2842504-0 |                                   |
|           |             | 2-2842500-4 |                            |           |             | 2-2842504-4 |                                   |
| 3.81      | 2842502     | 2842502-2   | TB HDR VT<br>3.81, GN      | 3.81      | 2842506     | 2842506-2   | Spring TB Plug<br>w/ Flg 3.81, GN |
|           |             | 2842502-3   |                            |           |             | 2842506-3   |                                   |
|           |             | 2842502-4   |                            |           |             | 2842506-4   |                                   |
|           |             | 2842502-5   |                            |           |             | 2842506-5   |                                   |
|           |             | 2842502-6   |                            |           |             | 2842506-6   |                                   |
|           |             | 2842502-7   |                            |           |             | 2842506-7   |                                   |
|           |             | 2842502-8   |                            |           |             | 2842506-8   |                                   |
|           |             | 2842502-9   |                            |           |             | 2842506-9   |                                   |
|           |             | 1-2842502-0 |                            |           |             | 1-2842506-0 |                                   |
|           |             | 1-2842502-1 |                            |           |             | 1-2842506-1 |                                   |
|           |             | 1-2842502-2 |                            |           |             | 1-2842506-2 |                                   |
|           |             | 1-2842502-4 |                            |           |             | 1-2842506-4 |                                   |
|           |             | 1-2842502-6 |                            |           |             | 1-2842506-6 |                                   |
|           |             | 2-2842502-0 |                            |           |             | 2-2842506-0 |                                   |
|           |             | 2-2842502-4 |                            |           |             | 2-2842506-4 |                                   |

\*Please search part numbers on **te.com**

**Table-4**

# PUSH-IN PCB CONNECTORS

## PART NUMBER DEFINITION

| Pitch(mm) | Base Number | TEPN        | Description                       | Pitch(mm) | Base Number | TEPN        | Description                   |
|-----------|-------------|-------------|-----------------------------------|-----------|-------------|-------------|-------------------------------|
| 3.81      | 2842508     | 2842508-2   | TB HDR VT w/<br>Flg 3.81, GN      | 5.0       | 2842543     | 2842543-2   | Spring TB Plug<br>(90)5.0, GN |
|           |             | 2842508-3   |                                   |           |             | 2842543-3   |                               |
|           |             | 2842508-4   |                                   |           |             | 2842543-4   |                               |
|           |             | 2842508-5   |                                   |           | 2842545     | 2842545-2   | TB HDR VT<br>(180) 5.0, GN    |
|           |             | 2842508-6   |                                   |           |             | 2842545-3   |                               |
|           |             | 2842508-7   |                                   |           |             | 2842545-4   |                               |
|           |             | 2842508-8   |                                   |           | 2842547     | 2842547-2   | TB HDR HZ<br>(90) 5.0, GN     |
|           |             | 2842508-9   |                                   |           |             | 2842547-3   |                               |
|           |             | 1-2842508-0 |                                   |           |             | 2842547-4   |                               |
|           |             | 1-2842508-1 |                                   | 5.08      | 2842514     | 2842514-2   | Spring TB Plug<br>5.08, GN    |
|           |             | 1-2842508-2 |                                   |           |             | 2842514-3   |                               |
|           |             | 1-2842508-4 |                                   |           |             | 2842514-4   |                               |
|           |             | 1-2842508-6 |                                   |           |             | 2842514-5   |                               |
|           |             | 2-2842508-0 |                                   |           |             | 2842514-6   |                               |
|           |             | 2-2842508-4 |                                   |           |             | 2842514-7   |                               |
|           |             |             |                                   |           |             | 2842514-8   |                               |
|           |             |             |                                   |           |             | 2842514-9   |                               |
|           |             |             |                                   |           |             | 1-2842514-0 |                               |
| 3.81      | 2842510     | 2842510-2   | TB HDR HZ (90)<br>w/ Flg 3.81, GN | 5.08      | 2842516     | 2842516-2   | TB HDR VT<br>5.08, GN         |
|           |             | 2842510-3   |                                   |           |             | 2842516-3   |                               |
|           |             | 2842510-4   |                                   |           |             | 2842516-4   |                               |
|           |             | 2842510-5   |                                   |           |             | 2842516-5   |                               |
|           |             | 2842510-6   |                                   |           |             | 2842516-6   |                               |
|           |             | 2842510-7   |                                   |           |             | 2842516-7   |                               |
|           |             | 2842510-8   |                                   |           |             | 2842516-8   |                               |
|           |             | 2842510-9   |                                   |           |             | 2842516-9   |                               |
|           |             | 1-2842510-0 |                                   |           |             | 1-2842516-0 |                               |
|           |             | 1-2842510-1 |                                   |           |             |             |                               |
|           |             | 1-2842510-2 |                                   |           |             |             |                               |
|           |             | 1-2842510-4 |                                   |           |             |             |                               |
|           |             | 1-2842510-6 |                                   |           |             |             |                               |
|           |             | 2-2842510-0 |                                   |           |             |             |                               |
|           |             | 2-2842510-4 |                                   |           |             |             |                               |

\*Please search part numbers on **te.com**

**Table-4**

## PUSH-IN PCB CONNECTORS

### PART NUMBER DEFINITION

| Pitch(mm) | Base Number | TEPN        | Description                       | Pitch(mm) | Base Number | TEPN        | Description                       |
|-----------|-------------|-------------|-----------------------------------|-----------|-------------|-------------|-----------------------------------|
| 5.08      | 2842518     | 1-2842518-0 | TB HDR HZ<br>(90) 5.08, GN        | 5.08      | 2842524     | 2842524-2   | TB HDR HZ (90)<br>w/ Flg 5.08, GN |
|           |             | 2842518-2   |                                   |           |             | 2842524-3   |                                   |
|           |             | 2842518-3   |                                   |           |             | 2842524-4   |                                   |
|           |             | 2842518-4   |                                   |           |             | 2842524-5   |                                   |
|           |             | 2842518-5   |                                   |           |             | 2842524-6   |                                   |
|           |             | 2842518-6   |                                   |           |             | 2842524-7   |                                   |
|           |             | 2842518-7   |                                   |           |             | 2842524-8   |                                   |
|           |             | 2842518-8   |                                   |           |             | 2842524-9   |                                   |
|           |             | 2842518-9   |                                   |           |             | 1-2842524-0 |                                   |
|           |             | 1-2842518-0 |                                   |           |             |             |                                   |
|           |             |             |                                   |           |             |             |                                   |
| 5.08      | 2842520     | 2842520-2   | Spring TB Plug<br>w/ Flg 5.08, GN | 5.08      | 2842522     | 2842522-2   | TB HDR VT w/<br>Flg 5.08, GN      |
|           |             | 2842520-3   |                                   |           |             | 2842522-3   |                                   |
|           |             | 2842520-4   |                                   |           |             | 2842522-4   |                                   |
|           |             | 2842520-5   |                                   |           |             | 2842522-5   |                                   |
|           |             | 2842520-6   |                                   |           |             | 2842522-6   |                                   |
|           |             | 2842520-7   |                                   |           |             | 2842522-7   |                                   |
|           |             | 2842520-8   |                                   |           |             | 2842522-8   |                                   |
|           |             | 2842520-9   |                                   |           |             | 2842522-9   |                                   |
|           |             | 1-2842520-0 |                                   |           |             | 1-2842522-0 |                                   |
| 5.08      | 2842522     | 2842522-2   | TB HDR VT w/<br>Flg 5.08, GN      | 5.08      | 2842524     | 2842524-2   | TB HDR HZ (90)<br>w/ Flg 5.08, GN |
|           |             | 2842522-3   |                                   |           |             | 2842524-3   |                                   |
|           |             | 2842522-4   |                                   |           |             | 2842524-4   |                                   |
|           |             | 2842522-5   |                                   |           |             | 2842524-5   |                                   |
|           |             | 2842522-6   |                                   |           |             | 2842524-6   |                                   |
|           |             | 2842522-7   |                                   |           |             | 2842524-7   |                                   |
|           |             | 2842522-8   |                                   |           |             | 2842524-8   |                                   |
|           |             | 2842522-9   |                                   |           |             | 2842524-9   |                                   |
|           |             | 1-2842522-0 |                                   |           |             | 1-2842524-0 |                                   |

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**Table-4**

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