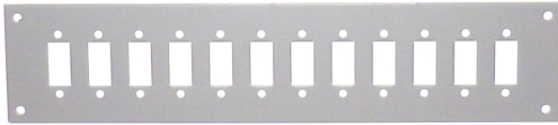


Datasheet

**Connector Panel Face-plates – Type SSPF** - Face Plate panels to suit miniature and standard SSPF panel mount sockets with stainless steel mounting bracket

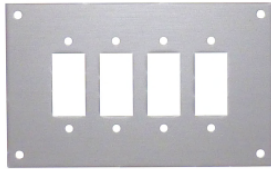
Miniature SSPF Panel (12 way shown):

suitable with Miniature SSPF Panel Sockets (not included):



Standard SSPF Panel (4 way shown):

suitable with Standard SSPF Panel Sockets (not included):



- Anodised Aluminium Face-plates
- Suitable with miniature & standard fascia panel mounting thermocouple sockets supplied with stainless steel mounting bracket
- Etch matt & satin anodised finish
- Both miniature & standard size panels available in 2, 4, 6 & 12 way options
- All panel types have 4 x 3.2mm fixing holes, positioned 5mm centre line from corners edges

| Panel Size       | No. of rows/holes | Width | Height | Thickness code | Allied RS order code | RS order code   |
|------------------|-------------------|-------|--------|----------------|----------------------|-----------------|
| <b>Miniature</b> |                   |       |        |                |                      |                 |
| 2 way            | 1 x 2             | 55mm  | 45mm   | 2mm            | 70646186             | <b>611-8191</b> |
| 4 way            | 1 x 4             | 85mm  | 45mm   | 2mm            | 70646188             | <b>611-8214</b> |
| 6 way            | 1 x 6             | 115mm | 45mm   | 2mm            | 70646187             | <b>611-8208</b> |
| 12 way           | 1 x 12            | 205mm | 45mm   | 2mm            | 70646189             | <b>611-8220</b> |
| <b>Standard</b>  |                   |       |        |                |                      |                 |
| 2 way            | 1 x 2             | 69mm  | 66mm   | 2.5mm          | 70646190             | <b>611-8236</b> |
| 4 way            | 1 x 4             | 107mm | 66mm   | 2.5mm          | 70646192             | <b>611-8258</b> |
| 6 way            | 1 x 6             | 145mm | 66mm   | 2.5mm          | 70646194             | <b>611-8270</b> |
| 12 way           | 1 x 12            | 259mm | 66mm   | 2.5mm          | 70646191             | <b>611-8242</b> |

# IEC Miniature Thermocouple Socket with Stainless Steel mounting bracket

Types K, J, T, E, N, B & Copper  
(IEC Colour Code)



- Miniature size in-line Thermocouple Socket with stainless steel panel mounting bracket
- Contacts are polarized to ensure correct connection
- Available in Thermocouple Types K, J, T, E, N, B & Copper
- For Types K, J, T, E & N contacts are made from true Thermocouple alloys
- B type has compensating copper/copper contacts (for B Type Thermocouples)
- Colour coded in accordance with IEC specification
- Maximum continuous operating temperature 220°C

| T/C Type | Colour Code (IEC) | +Positive Contact (alloy type) | -Negative Contact (alloy type) | Allied Code | RS order Code   |
|----------|-------------------|--------------------------------|--------------------------------|-------------|-----------------|
| K        | Green             | +Nickel Chromium               | -Nickel Alloy                  | 70644393    | <b>455-9792</b> |
| J        | Black             | +Iron                          | -Copper Nickel                 | 70644388    | <b>455-9720</b> |
| T        | Brown             | +Copper                        | -Copper Nickel                 | 70644404    | <b>455-9944</b> |
| E        | Violet            | +Nickel Chromium               | -Copper Nickel                 | 70652499    | <b>774-7223</b> |
| N        | Pink              | +Nickel/Chro/Silicon           | -Nickel Silicon                | 70652500    | <b>774-7226</b> |
| B        | Grey              | +Copper                        | -Copper                        | 70652496    | <b>774-7214</b> |
| Copper   | White             | +Copper                        | -Copper                        | 70652480    | <b>774-3767</b> |

# ANSI Miniature Thermocouple Socket with Stainless Steel mounting bracket

Types K, J, T, E, N, R/S & B  
(ANSI Colour Code)



- Colour coded in accordance with ANSI specification

| T/C Type | Colour Code (ANSI) | +Positive Contact (alloy type) | -Negative Contact (alloy type) | Allied code | RS order Code   |
|----------|--------------------|--------------------------------|--------------------------------|-------------|-----------------|
| K        | Yellow             | +Nickel Chromium               | -Nickel Alloy                  | 70652153    | <b>769-1221</b> |
| J        | Black              | +Iron                          | -Copper Nickel                 | 70652150    | <b>769-1212</b> |
| T        | Blue               | +Copper                        | -Copper Nickel                 | 70652158    | <b>769-1237</b> |
| E        | Violet             | +Nickel Chromium               | -Copper Nickel                 | 70652152    | <b>769-1218</b> |
| N        | Orange             | +Nickel/Chro/Silicon           | -Nickel Silicon                | 70652154    | <b>769-1224</b> |
| R/S      | Green              | +Copper                        | -Copper Alloy                  | 70652155    | <b>769-1228</b> |
| B        | Grey               | +Copper                        | -Copper                        | 70652151    | <b>769-1215</b> |

# JIS Miniature Thermocouple Socket with Stainless Steel mounting bracket

Types K, J, T, E, R/S & B  
(JIS Colour Code)



- Colour coded in accordance with JIS specification

| T/C Type (JIS) | Colour Code | +Positive Contact (alloy type) | -Negative Contact (alloy type) | Manufacturing Reference | Allied Code | RS order code   |
|----------------|-------------|--------------------------------|--------------------------------|-------------------------|-------------|-----------------|
| K              | Blue        | +Nickel Chromium               | -Nickel Alloy                  | JM-K-SSPF               | 70652341    | <b>771-8871</b> |
| J              | Yellow      | +Iron                          | -Copper Nickel                 | JM-J-SSPF               | 70652338    | <b>771-8862</b> |
| T              | Brown       | +Copper                        | -Copper Nickel                 | JM-T-SSPF               | 70652343    | <b>771-8878</b> |
| E              | Violet      | +Nickel Chromium               | -Copper Nickel                 | JM-E-SSPF               | 70652340    | <b>771-8868</b> |
| R/S            | Black       | +Copper                        | -Copper Alloy                  | JM-R/S-SSPF             | 70652342    | <b>771-8874</b> |
| B              | Grey        | +Copper                        | -Copper                        | JM-B-SSPF               | 70652339    | <b>771-8865</b> |

## IEC Standard Thermocouple Socket with Stainless Steel mounting bracket

Types K, J, T, E, N, R/S & B  
(IEC Colour Code)



- Standard size in-line Thermocouple Socket with stainless steel panel mounting bracket
- Intended for use in more industrial processes but can be used in all applications as desired
- Available in Thermocouple Types K, J, T, E, N, R/S, B & Copper
- For Types K, J, T, E & N contacts are made from true Thermocouple alloys
- R/S type has compensating copper/copper nickel alloy contacts (for R or S Type Thermocouples)
- B type has compensating copper/copper contacts (for B Type Thermocouples)
- Colour coded in accordance with IEC specification
- Maximum continuous operating temperature 220°C

| T/C Type | Colour Code (IEC) | +Positive Contact (alloy type) | -Negative Contact (alloy type) | Allied Code | RS order Code   |
|----------|-------------------|--------------------------------|--------------------------------|-------------|-----------------|
| K        | Green             | +Nickel Chromium               | -Nickel Alloy                  | 70644416    | <b>456-0102</b> |
| J        | Black             | +Iron                          | -Copper Nickel                 | 70644415    | <b>456-0089</b> |
| T        | Brown             | +Copper                        | -Copper Nickel                 | 70652523    | <b>774-7305</b> |
| E        | Violet            | +Nickel Chromium               | -Copper Nickel                 | 70652521    | <b>774-7298</b> |
| N        | Pink              | +Nickel/Chro/Silicon           | -Nickel Silicon                | 70652519    | <b>774-7292</b> |
| R/S      | Orange            | +Copper                        | -Copper Alloy                  | 70652522    | <b>774-7302</b> |
| B        | Grey              | +Copper                        | -Copper                        | 70652520    | <b>774-7295</b> |

## ANSI Standard Thermocouple Socket with Stainless Steel mounting bracket

Types K, J, T, E, N, R/S & B  
(ANSI Colour Code)



- Colour coded in accordance with ANSI specification

| T/C Type | Colour Code (ANSI) | +Positive Contact (alloy type) | -Negative Contact (alloy type) | Allied Code | RS order Code   |
|----------|--------------------|--------------------------------|--------------------------------|-------------|-----------------|
| K        | Yellow             | +Nickel Chromium               | -Nickel Alloy                  | 70651992    | <b>769-1408</b> |
| J        | Black              | +Iron                          | -Copper Nickel                 | 70652208    | <b>769-1404</b> |
| T        | Blue               | +Copper                        | -Copper Nickel                 | 70651994    | <b>769-1414</b> |
| E        | Violet             | +Nickel Chromium               | -Copper Nickel                 | 70652207    | <b>769-1401</b> |
| N        | Orange             | +Nickel/Chro/Silicon           | -Nickel Silicon                | 70651995    | <b>769-1417</b> |
| R/S      | Green              | +Copper                        | -Copper Alloy                  | 70651993    | <b>769-1410</b> |
| B        | Grey               | +Copper                        | -Copper                        | 70652204    | <b>769-1391</b> |

# JIS Standard Thermocouple Socket with Stainless Steel mounting bracket

Types K, J, T, E, R/S & B  
(JIS Colour Code)



- Colour coded in accordance with JIS specification

| T/C Type | Colour Code (JIS) | +Positive Contact (alloy type) | -Negative Contact (alloy type) | Manufacturing Reference | Allied Code | RS order Code   |
|----------|-------------------|--------------------------------|--------------------------------|-------------------------|-------------|-----------------|
| K        | Blue              | +Nickel Chromium               | -Nickel Alloy                  | JS-K-SSPF               | 70652389    | <b>771-9032</b> |
| J        | Yellow            | +Iron                          | -Copper Nickel                 | JS-J-SSPF               | 70652386    | <b>771-9023</b> |
| T        | Brown             | +Copper                        | -Copper Nickel                 | JS-T-SSPF               | 70652391    | <b>771-9039</b> |
| E        | Violet            | +Nickel Chromium               | -Copper Nickel                 | JS-E-SSPF               | 70652388    | <b>771-9029</b> |
| R/S      | Black             | +Copper                        | -Copper Alloy                  | JS-R/S-SSPF             | 70652390    | <b>771-9035</b> |
| B        | Grey              | +Copper                        | -Copper                        | JS-B-SSPF               | 70652387    | <b>771-9026</b> |