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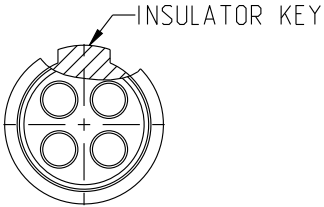
DWG. NO.  
JBX1INSFSC

FEMALE INSULATOR, SOLDER CONTACT

| CONTACT LAYOUT  | 02                         | 03      | 04      | 05      |
|-----------------|----------------------------|---------|---------|---------|
| FRONT SIDE VIEW |                            |         |         |         |
| REAR SIDE VIEW  |                            |         |         |         |
| CONTACT         |                            |         |         |         |
| ISO VIEW        |                            |         |         |         |
| CONTACT         | ØC                         | 1.3     | 1.3     | 0.9     |
|                 | ØF                         | 1.1     | 1.1     | 0.8     |
|                 | MAX. AWG                   | 20      | 20      | 24      |
|                 | MAX. CURRENT RATING (A)    | 15      | 15      | 10      |
|                 | CONTACT RESISTANCE (mΩ)    | 3       | 3       | 3.5     |
| INSULATOR       | NUMBER OF CAVITY           | 2       | 3       | 4       |
|                 | MAX. CURRENT RATING        | 15      | 12      | 10      |
|                 | TEST VOLTAGE (Vrms)        | 1600    | 1300    | 1900    |
|                 | WORKING VOLTAGE (Vdc/Vrms) | 760/530 | 600/420 | 900/630 |

CONTACT TYPE : F (FEMALE)  
CONTACT TERMINATION : S (SOLDER)

MATERIAL :  
CONTACT: CUPRO NICKEL  
CLIP: COPPER ALLOY  
INSULATOR: PEEK  
FINISH:  
CONTACTS: GOLD



CATALOG NUMBER DESCRIPTION

JBXXX 1 X YYF S XXXX

BASIC SERIES  
SHELL TYPE  
SHELL SIZE  
KEYING  
CONTACT LAYOUT  
OPTION  
INSERT MATERIAL  
COLLET OPTION  
SURFACE PLATING  
CONTACT TERMINATION  
CONTACT TYPE

|     |                        |              |             |
|-----|------------------------|--------------|-------------|
| B   | REVISED PER ECN 12286  | RSK 06-10-15 | EV 06-10-15 |
| A   | RELEASED PER ECN 12264 | SKV 03-10-15 | EV 03-10-15 |
| REV | DESCRIPTION            | BY DATE      | CHKD DATE   |

DRAWING TITLE  
JBX, SIZE 1, FEMALE INSULATOR, SOLDER CONTACT  
CAT NO.

JBX1INSFS

|                                                               |  |                 |          |                     |  |
|---------------------------------------------------------------|--|-----------------|----------|---------------------|--|
| CAGE NO: 09922                                                |  | SIZE: B         | APPROVAL | DRAWN: SKV 02-02-15 |  |
| CUSTOMER                                                      |  | SOURIAU         |          | CHKD : EV 02-02-15  |  |
|                                                               |  |                 |          | DSGN : EV 02-02-15  |  |
|                                                               |  |                 |          | MFG : DH 02-02-15   |  |
| QC : BB 02-02-15                                              |  |                 |          |                     |  |
| DRAWING SCALE: NA                                             |  |                 |          |                     |  |
| DRAWING NO.                                                   |  |                 |          | REV                 |  |
| JBX1INSFSC                                                    |  |                 | B        |                     |  |
| INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994. |  | WWW.SOURIAU.COM | 1 OF 2   |                     |  |

| ORIGIN                                                                                                                                                                               | COUNTRY | JURISDICTION | CLASSIFICATION |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|----------------|
| X                                                                                                                                                                                    | FR      | Not listed   | N/A            |
|                                                                                                                                                                                      | US      | EAR          | ECCN =EAR99    |
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|                                       |               |
|---------------------------------------|---------------|
| LINEAR MEASURE:  mm (INCH)            |               |
| THIRD ANGLE PROJECTION                |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |               |
| No. OF PLACES                         | mm [INCH]     |
| ONE PLACE                             | ±3 [±.1]      |
| TWO PLACES                            | ±0.5 [±.02]   |
| THREE PLACES                          | ±0.25 [±.010] |
| ANGLES±1°                             |               |

B

A

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DWG. NO.  
JBX11NSFSC

| CONTACT LAYOUT  |                            | 06      | 07      | 08      | 10      | 12      |
|-----------------|----------------------------|---------|---------|---------|---------|---------|
| FRONT SIDE VIEW |                            |         |         |         |         |         |
| REAR SIDE VIEW  |                            |         |         |         |         |         |
| CONTACT         |                            |         |         |         |         |         |
| ISO VIEW        |                            |         |         |         |         |         |
| CONTACT         | ØC                         | 0.7     | 0.7     | 0.7     | 0.5     | 0.5     |
|                 | ØF                         | 0.81    | 0.81    | 0.81    | 0.5     | 0.5     |
|                 | MAX. AWG                   | 22      | 22      | 22      | 28      | 28      |
|                 | MAX. CURRENT RATING (A)    | 7       | 7       | 7       | 5       | 5       |
|                 | CONTACT RESISTANCE (mΩ)    | 5       | 5       | 5       | 10      | 10      |
|                 | NUMBER OF CAVITY           | 6       | 7       | 8       | 10      | 12      |
|                 | MAX. CURRENT RATING        | 7       | 7       | 5       | 2.5     | 2.5     |
|                 | TEST VOLTAGE (Vrms)        | 1400    | 1400    | 1200    | 600     | 500     |
| INSULATOR       | WORKING VOLTAGE (Vdc/Vrms) | 660/460 | 660/460 | 600/420 | 300/200 | 170/120 |

| ORIGIN                                                                                                                                                                               | COUNTRY | JURISDICTION | CLASSIFICATION |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|----------------|
| X                                                                                                                                                                                    | FR      | Not listed   | N/A            |
|                                                                                                                                                                                      | US      | EAR          | ECCN =EAR99    |
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|                                       |               |  |           |
|---------------------------------------|---------------|--|-----------|
| LINEAR MEASURE:                       |               |  | mm (INCH) |
| THIRD ANGLE PROJECTION                |               |  |           |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |               |  |           |
| No. OF PLACES                         | mm [INCH]     |  |           |
| ONE PLACE                             | ±3 [±.1]      |  |           |
| TWO PLACES                            | ±0.5 [±.02]   |  |           |
| THREE PLACES                          | ±0.25 [±.010] |  |           |
| ANGLES ±1°                            |               |  |           |

|                                                                  |                 |                   |          |          |
|------------------------------------------------------------------|-----------------|-------------------|----------|----------|
| DRAWING TITLE                                                    |                 |                   |          |          |
| JBX, SIZE 1, FEMALE INSULATOR, SOLDER CONTACT                    |                 |                   |          |          |
| CAT NO.                                                          |                 |                   |          |          |
| JBX11NSFS                                                        |                 |                   |          |          |
| CAGE NO: 09922                                                   | SIZE: B         |                   | APPROVAL |          |
| CUSTOMER                                                         | SOURIAU         | DRAWN: SKV        |          | 02-02-15 |
|                                                                  |                 | CHKD : EV         |          | 02-02-15 |
|                                                                  |                 | DSGN : EV         |          | 02-02-15 |
|                                                                  |                 | MFG : DH          |          | 02-02-15 |
|                                                                  |                 | QC : BB           |          | 02-02-15 |
| INTERPRET THIS DRAWING IN ACCORDANCE<br>WITH ASME Y14.5M - 1994. | WWW.SOURIAU.COM | DRAWING SCALE: NA |          |          |
|                                                                  |                 | DRAWING NO.       | REV      |          |
|                                                                  |                 | JBX11NSFSC        | B        |          |
|                                                                  |                 |                   | 2 OF 2   |          |

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