

**5 - 8 Pin M16 versafast® Receptacles, Front Mount, M20 Threads**

- Male Receptacles
- IEC IP 67 Protection



Housing Style	Part Number	Lead Specs.	Application	Pinout
<p>16</p>	BSF 5-5-*/M20	5x18 AWG 105°C 300 VAC/VDC, 8 A	5-Wire DC Applications	<ol style="list-style-type: none"> <li>BN</li> <li>WH</li> <li>BU</li> <li>BK</li> <li>GY</li> </ol>
	BSF 6-6-*/M20	6x18 AWG 105°C 300 VAC/VDC, 7 A	6-Wire DC Applications	<ol style="list-style-type: none"> <li>BN</li> <li>WH</li> <li>BU</li> <li>BK</li> <li>GY</li> <li>PK</li> </ol>
	BSF 7-7-*/M20	7x18 AWG 105°C 125 VAC/VDC, 7 A	7-Wire DC Applications	<ol style="list-style-type: none"> <li>WH</li> <li>BN</li> <li>GN</li> <li>YE</li> <li>GY</li> <li>PK</li> <li>BU</li> </ol>
	BSF 8-8-*/M20	8x18 AWG 105°C 125 VAC/VDC, 7A	8-Wire DC Applications	<ol style="list-style-type: none"> <li>WH</li> <li>BN</li> <li>GN</li> <li>YE</li> <li>GY</li> <li>PK</li> <li>BU</li> <li>RD</li> </ol>

See page G34 for dimensional drawings.

\* Length in meters. Standard lead length is 0.5 meter. Consult factory for other lengths.

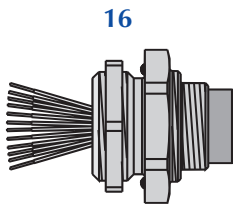
Standard housing material is nickel plated brass "BSF."; BSFK.." indicates nylon and "BSFV.." indicates 316 stainless steel.

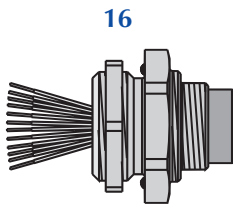
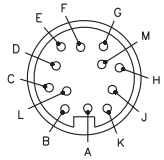
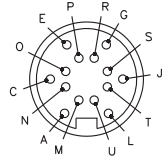
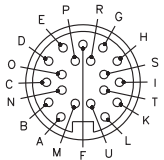
Available with spanner nut as an option (vs. Hex locknut). Add "/S1046" to end of description.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

12, 14 and 19-Pin M16 versafast® Receptacles, Front Mount, M20 Threads

- Female Receptacles
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Housing Style	Part Number	Lead Specs.	Application	Pinout																			
	BSF 12-12-*/M20	12x22 AWG 105°C 125 VAC/VDC, 4 A	Mates with 12-pin connectors, 12 conductors	<table border="0"> <tr><td>A. BN</td><td>G. PK</td></tr> <tr><td>B. BU</td><td>H. RD</td></tr> <tr><td>C. WH</td><td>J. BK</td></tr> <tr><td>D. GN</td><td>K. OG</td></tr> <tr><td>E. YE</td><td>L. TN</td></tr> <tr><td>F. GY</td><td>M. VT</td></tr> </table> 	A. BN	G. PK	B. BU	H. RD	C. WH	J. BK	D. GN	K. OG	E. YE	L. TN	F. GY	M. VT							
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BSF 14-10-*/M20	10x22 AWG 105°C 30 VAC/VDC, 3 A	Mates with 14-pin connectors, 10 conductors	<table border="0"> <tr><td>C. GY</td><td>O. YE</td></tr> <tr><td>E. GN</td><td>P. WH</td></tr> <tr><td>G. BK</td><td>R. RD</td></tr> <tr><td>M. BN</td><td>S. VT</td></tr> <tr><td>N. PK</td><td>U. BU</td></tr> </table>	C. GY	O. YE	E. GN	P. WH	G. BK	R. RD	M. BN	S. VT	N. PK	U. BU										
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Receptacles

See page G34 for dimensional drawings.

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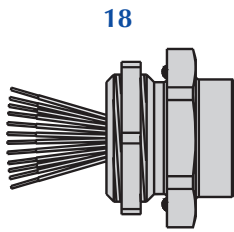
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Receptacles

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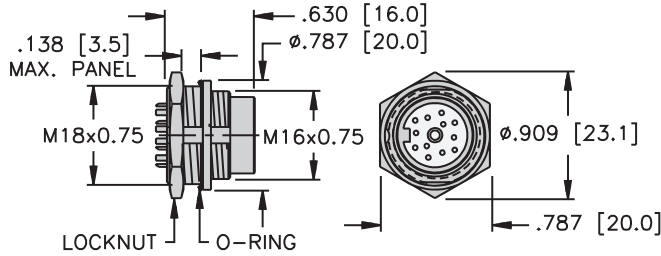
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M16 versafast® Receptacles

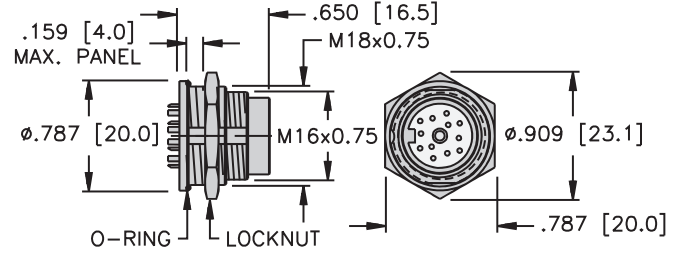
9



BSF (Front Mount Solder Cup, 12-19 pin)

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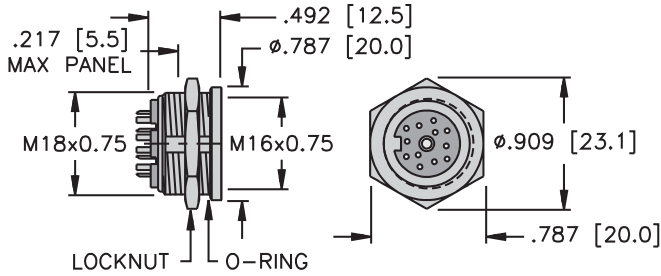
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BSFD (Rear Mount Solder Cup, 12-19 pin)

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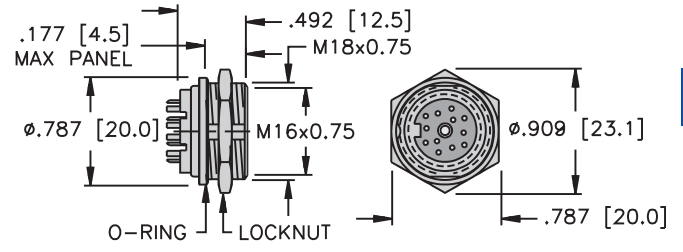
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BKF (Front Mount Solder Cup, 12-19 pin)

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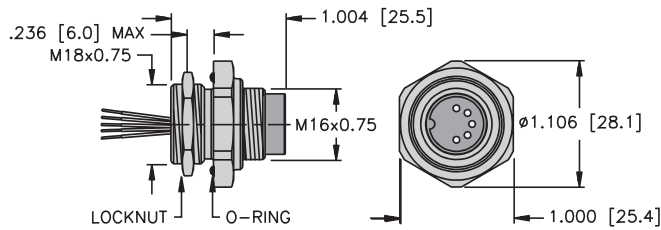
12



BKFD (Rear Mount Solder Cup, 12-19 pin)

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13

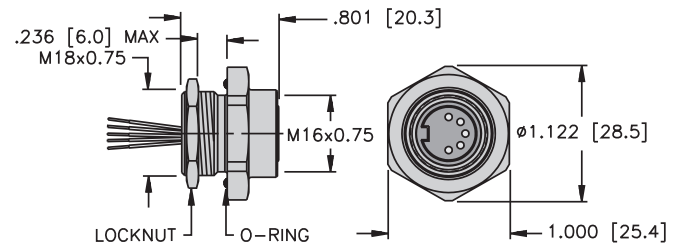


Typical panel cutout is 18.6 mm.

BSF .. M18 (5-8, 12-19 pin)

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14

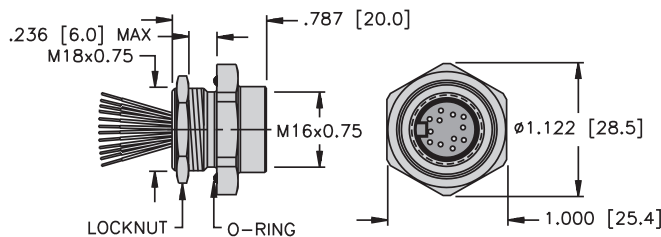


Typical panel cutout is 18.6 mm.

BKF .. M18 (5-8 pin)

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15

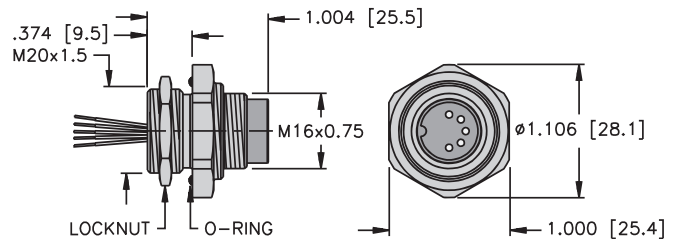


Typical panel cutout is 18.6 mm.

BKF .. M18 (12-19 pin)

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Typical panel cutout is 20.4 mm.

BSF ..M20 (5-8, 12-19 pin)

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Receptacles