

**5 - 8 Pin M16 versafast® Receptacles, Front Mount, M18 Threads**

- Male Receptacles
- IEC IP 67 Protection



Housing Style	Part Number	Lead Specs.	Application	Pinout
	BSF 5-5-*/M18	5x18 AWG 105°C 300 VAC/VDC, 8 A	5-wire DC Application	<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-*/M18	6x18 AWG 105°C 300 VAC/VDC, 7 A	6-wire DC Application	<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-*/M18	7x18 AWG 105°C 125 VAC/VDC, 7 A	7-wire DC Application	<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-*/M18	8x18 AWG 105°C 125 VAC/VDC, 7 A	8-wire DC Application	<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.

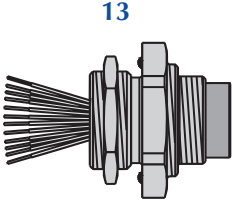
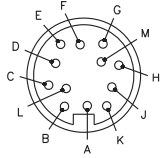
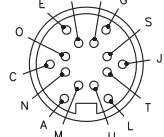
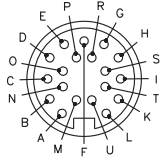
Available with spanner nut as an option (vs. Hex locknut). Add "/S1046" to end of description.

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

## 12, 14 and 19-Pin M16 versafast® Receptacles, Front Mount, M18 Threads

- Male Receptacles
- For use with Junction Box HomeRun Cables
- IEC IP 67 Protection



Housing Style	Part Number	Lead Specs.	Application	Pinout	
	BSF 12-12-*/M18	12x22 AWG 105°C 125 VAC/VDC, 4 A	Mates with 12-pin connectors, 12 conductors	A. BN B. BU C. WH D. GN E. YE F. GY G. PK H. RD J. BK K. OG L. TN M. VT	
	BSF 14-10-*/M18	10x22 AWG 105°C 30 VAC/VDC, 3 A	Mates with 14-pin connectors, 10 conductors	C. GY E. GN G. BK M. BN N. PK O. YE P. WH R. RD S. VT U. BU	
	BSF 14-12-*/M18	12x22 AWG 105°C 30 VAC/VDC, 3 A	Mates with 14-pin connectors, 12 conductors	C. OG E. BK G. GN J. GY M. BN N. TN O. VT P. RD R. WH S. YE T. PK U. BU	
	BSF 14-14-*/M18	14x22 AWG 105°C 30 VAC/VDC, 3 A	Mates with 14-pin connectors, 14 conductors	A. BN C. RD/BU E. BK G. PK J. GN L. BU M. OG N. GY/BN O. VT P. WH R. RD S. GY T. YE U. TN	
	BSF 19-19-*/M18	19x22 AWG 105°C 30 VAC/VDC, 3 A	Mates with 19-pin connectors, 19 conductors	A. BU B. GY/PK C. RD/BU D. WH/GN E. BK F. BN/GN G. PK H. WH/YE I. GN K. YE/BN L. BN M. OG N. GY/BN O. VT P. WH R. RD S. GY T. YE U. TN	

Receptacles

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.

**5 - 8 Pin M16 versafast® Receptacles, Front Mount, M18 Threads**

- Female Receptacles
- IEC IP 67 Protection



Housing Style	Part Number	Lead Specs.	Application	Pinout
	BKF 5-5-*/M18	5x18 AWG 105°C 300 VAC/VDC, 8 A	5-Wire DC Applications	
	BKF 6-6-*/M18	6x18 AWG 105°C 300 VAC/VDC, 7 A	6-Wire DC Applications	
	BKF 7-7-*/M18	7x18 AWG 105°C 125 VAC/VDC, 7 A	7-Wire DC Applications	
	BKF 8-8-*/M18	8x18 AWG 105°C 125 VAC/VDC, 7A	8-Wire DC Applications	

See page G34 for dimensional drawings.

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

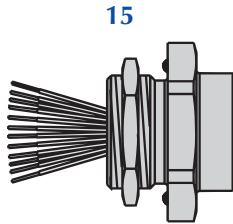
Standard housing material is nickel plated brass "BKF.."; BKFK.." indicates nylon and "BKFV.." indicates 316 stainless steel.

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

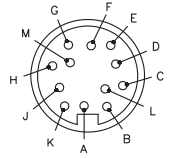
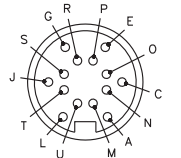
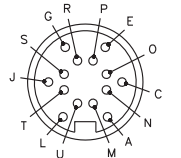
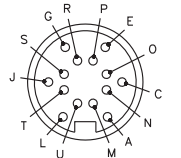
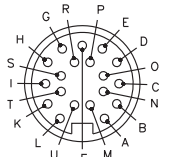
To specify PVC jacketed cable, add "/S717" to the end of the part number.

12, 14 and 19-Pin M16 versafast® Receptacles, Front Mount, M18 Threads

- Female Receptacles
- For use with Junction Box HomeRun Cables
- IEC IP 67 Protection



15

Housing Style	Part Number	Lead Specs.	Application	Pinout																			
	BKF 12-12-*/M18	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							
	A. BN	G. PK																					
	B. BU	H. RD																					
	C. WH	J. BK																					
	D. GN	K. OG																					
E. YE	L. TN																						
F. GY	M. VT																						
BKF 14-10-*/M18	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										
C. GY	O. YE																						
E. GN	P. WH																						
G. BK	R. RD																						
M. BN	S. VT																						
N. PK	U. BU																						
BKF 14-12-*/M18	12x22 AWG 105°C 30 VAC/VDC, 3 A	Mates with 14-pin connectors, 12 conductors	<table border="0"> <tr><td>C. OG</td><td>O. VT</td></tr> <tr><td>E. BK</td><td>P. RD</td></tr> <tr><td>G. GN</td><td>R. WH</td></tr> <tr><td>J. GY</td><td>S. YE</td></tr> <tr><td>M. BN</td><td>T. PK</td></tr> <tr><td>N. TN</td><td>U. BU</td></tr> </table> 	C. OG	O. VT	E. BK	P. RD	G. GN	R. WH	J. GY	S. YE	M. BN	T. PK	N. TN	U. BU								
C. OG	O. VT																						
E. BK	P. RD																						
G. GN	R. WH																						
J. GY	S. YE																						
M. BN	T. PK																						
N. TN	U. BU																						
BKF 14-14-*/M18	14x22 AWG 105°C 30 VAC/VDC, 3 A	Mates with 14-pin connectors, 14 conductors	<table border="0"> <tr><td>A. BN</td><td>N. GY/BN</td></tr> <tr><td>C. RD/BU</td><td>O. VT</td></tr> <tr><td>E. BK</td><td>P. WH</td></tr> <tr><td>G. PK</td><td>R. RD</td></tr> <tr><td>J. GN</td><td>S. GY</td></tr> <tr><td>L. BU</td><td>T. YE</td></tr> <tr><td>M. OG</td><td>U. TN</td></tr> </table> 	A. BN	N. GY/BN	C. RD/BU	O. VT	E. BK	P. WH	G. PK	R. RD	J. GN	S. GY	L. BU	T. YE	M. OG	U. TN						
A. BN	N. GY/BN																						
C. RD/BU	O. VT																						
E. BK	P. WH																						
G. PK	R. RD																						
J. GN	S. GY																						
L. BU	T. YE																						
M. OG	U. TN																						
BKF 19-19-*/M18	19x22 AWG 105°C 30 VAC/VDC, 3 A	Mates with 19-pin connectors, 19 conductors	<table border="0"> <tr><td>A. BU</td><td>L. BN</td></tr> <tr><td>B. GY/PK</td><td>M. OG</td></tr> <tr><td>C. RD/BU</td><td>N. GY/BN</td></tr> <tr><td>D. WH/GN</td><td>O. VT</td></tr> <tr><td>E. BK</td><td>P. WH</td></tr> <tr><td>F. BN/GN</td><td>R. RD</td></tr> <tr><td>G. PK</td><td>S. GY</td></tr> <tr><td>H. WH/YE</td><td>T. YE</td></tr> <tr><td>I. GN</td><td>U. TN</td></tr> <tr><td>K. YE/BN</td><td></td></tr> </table> 	A. BU	L. BN	B. GY/PK	M. OG	C. RD/BU	N. GY/BN	D. WH/GN	O. VT	E. BK	P. WH	F. BN/GN	R. RD	G. PK	S. GY	H. WH/YE	T. YE	I. GN	U. TN	K. YE/BN	
A. BU	L. BN																						
B. GY/PK	M. OG																						
C. RD/BU	N. GY/BN																						
D. WH/GN	O. VT																						
E. BK	P. WH																						
F. BN/GN	R. RD																						
G. PK	S. GY																						
H. WH/YE	T. YE																						
I. GN	U. TN																						
K. YE/BN																							

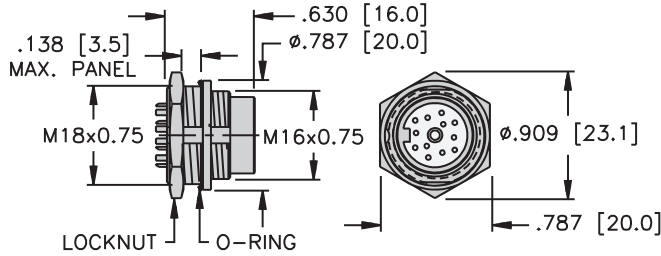
Receptacles

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 "BKF."; BKFK.. indicates nylon and "BKFV.." 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.

M16 versafast® Receptacles

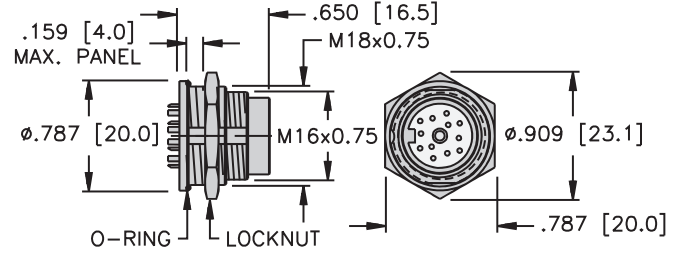
9



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

Page G69

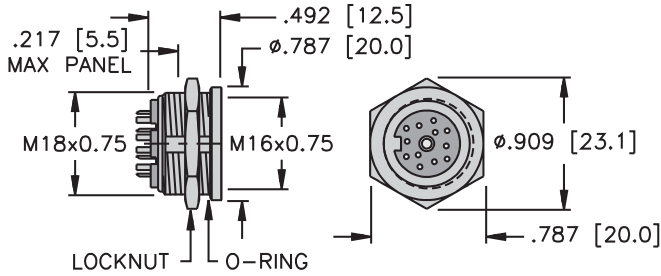
10



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

Page G69

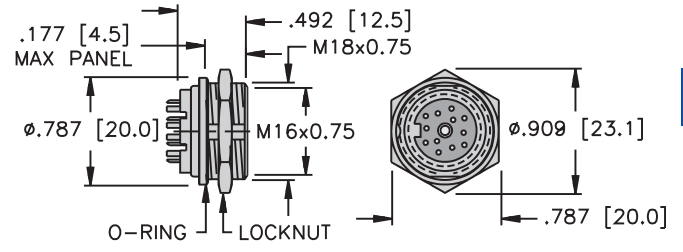
11



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

Page G70

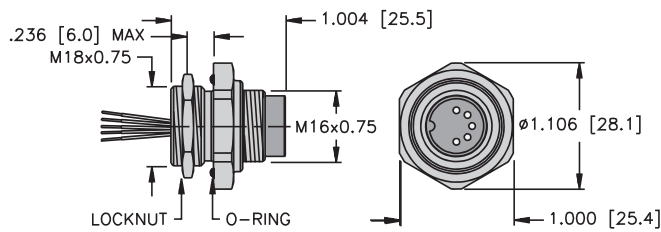
12



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

Page G70

13

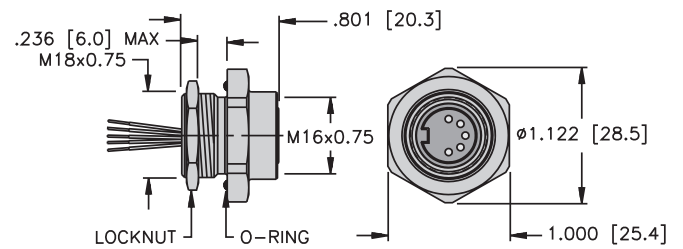


Typical panel cutout is 18.6 mm.

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

Page G41 - G42

14

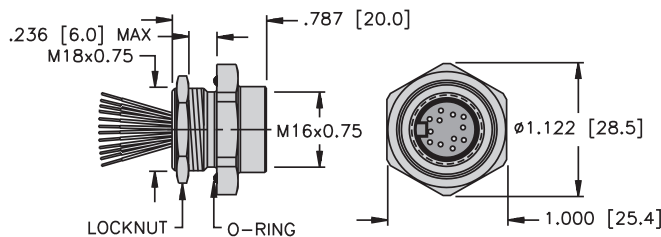


Typical panel cutout is 18.6 mm.

BKF .. M18 (5-8 pin)

Page G43

15

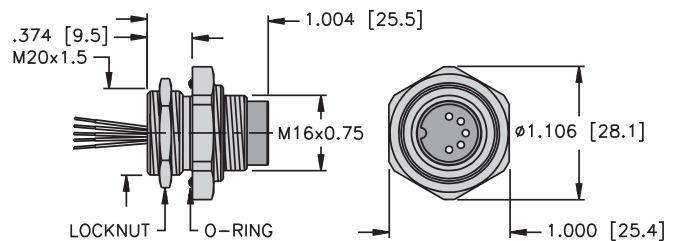


Typical panel cutout is 18.6 mm.

BKF .. M18 (12-19 pin)

Page G44

16



Typical panel cutout is 20.4 mm.

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

Page G45 - G46

Receptacles