How to order

Super ITS - RG RadGrip MIL-DTL-5015 intermountable reverse-bayonet rubber coated connectors and accessories

Super ITS-RG RadGrip connectors feature rubber-coated plug coupling nuts and optional rubber-covered backshells for improved ease-of-couping and insulation from high current and high-voltage. Super ITS-RG RadGrip connectors are the perfect choice for harsh environments where mating and demating connectors with bulky gloves is difficult.

How To Order											
Sample Part Number:	**FR**	**ITS**	**G**	**41**	**06**	**RG**	**20-27**	**P**	**Y**	**B1**	**F7**
Fire Resistant Rubber Compound	**FR** = Fire resistant elastomer										
Series	**ITS** = Reverse bayonet										
Grounding Fingers	Available for plugs only; omit for none										
Contact Type	**31** = Solder Cup **41** = Crimp										
Shell Styles	See connector shell styles table										
RadGrip Backshell Type and Class	**RGG**, **RRG**, **RRGP** = Environmental; grommet supplied										
Shell Size and Insert Arrangement	See shell size availability table below and insert arrangements in Appendix										
Contact Gender	**P** = Pin **S** = Socket										
Polarization	**W**, **X**, **Y**, **Z**; refer to polarization (insert rotation) tables										
Contact Options	**OMIT** = Silver-plated contacts **B1** = Connector with gold plated contacts; omit for silver plated contacts										
Material / Finish*	Omit for aluminum / cadmium olive drab **F6** = Aluminum / black electrodeposited paint **F7** = Aluminum / black zinc nickel **F11** = Aluminum / electroless nickel										

Connector Shell Style	
Code	Description
00	Front panel mount. wall mount receptacle
01	In-line receptacle
030	Rear panel mount, wall mount receptacle with accessory threads
06	Plug connector with accessory threads
08	Plug with right angle adapter

Shell Size Availability	
Shell Style	Available Shell Sizes
00, 01, and 030	14S thru 40
06	14S thru 40
08	18 thru 40
Complete Shell Size Offerings	
10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36, 40	

Class Code and Shell Style Matrix							
Class Codes	Shell Styles						
	00	01	02	03	030	06	08
RRG	X	X		X	X	X	X
RRGP						X	X
RGG						X	X

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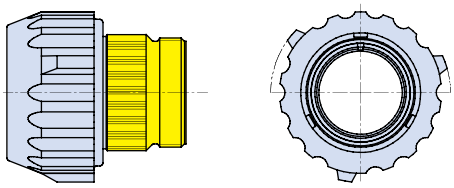
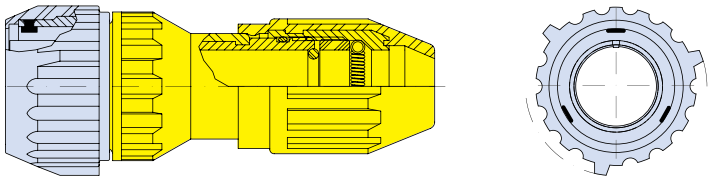
STYLE 06: STRAIGHT PLUG WITH RUBBER COATED COUPLING NUT AND RUBBER COATED, THREADED ADAPTER FOR ATTACHMENT OF ADDITIONAL ACCESSORIES



Sample Part Number

FR	ITS	G	41	06	RGG	20-27	P	Y	B1	F7
Fire - Resistant	Reverse-Bayonet	Ground Fingers	Crimp Contacts	Straight Plug	RadGrip Plus Adapter	Shell Size / Insert Arrangement (see Appendix)	P = Pin S = Socket	Polarization W, X, Y, Z (Omit for Normal)	Contact Option: B1 = Gold-Plated Omit = Silver-Plated	Material / Finish (see table)

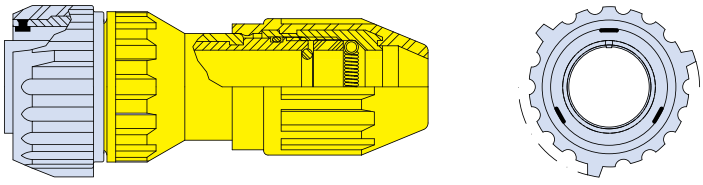
STYLE 06: STRAIGHT PLUG WITH RUBBER COATED COUPLING NUT AND RUBBER COATED CABLE SEALING BACKSHELL WITH SPRING-STYLE EMI/RFI SHIELD TERMINATION FOR USE WITH JACKETED CABLES



Sample Part Number

FR	ITS	G	41	06	RRG	20-27	P	Y	B1	F7
Fire - Resistant	Reverse-Bayonet	Ground Fingers	Crimp Contacts	Straight Plug	RadGrip Plus Cable Sealing	Shell Size / Insert Arrangement (see Appendix)	P = Pin S = Socket	Polarization W, X, Y, Z (Omit for Normal)	Contact Option: B1 = Gold-Plated Omit = Silver-Plated	Material / Finish (see table)

STYLE 06: STRAIGHT PLUG WITH RUBBER COATED COUPLING NUT AND RUBBER COATED CABLE SEALING BACKSHELL WITH SPRING-STYLE EMI/RFI SHIELD TERMINATION FOR USE WITH JACKETED CABLES. USE WITH ITS-RG 030 REAR-PANEL MOUNT RECEPTACLES



*Mates with ITS-RG 030

Sample Part Number

FR	ITS	G	41	06	RRGP	20-27	P	Y	B1	F7
Fire - Resistant	Reverse-Bayonet	Ground Fingers	Crimp Contacts	Straight Plug	RadGrip Plus Cable Sealing*	Shell Size / Insert Arrangement (see Appendix)	P = Pin S = Socket	Polarization W, X, Y, Z (Omit for Normal)	Contact Option: B1 = Gold-Plated Omit = Silver-Plated	Material / Finish (see table)

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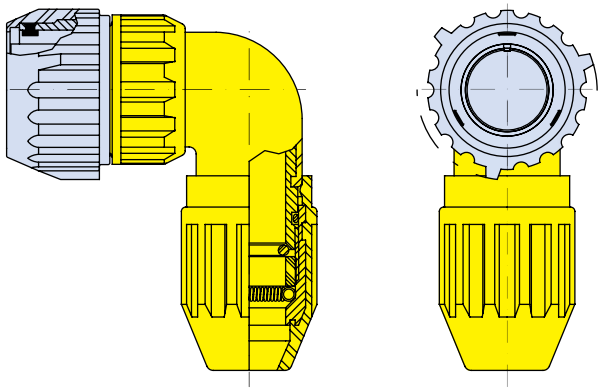
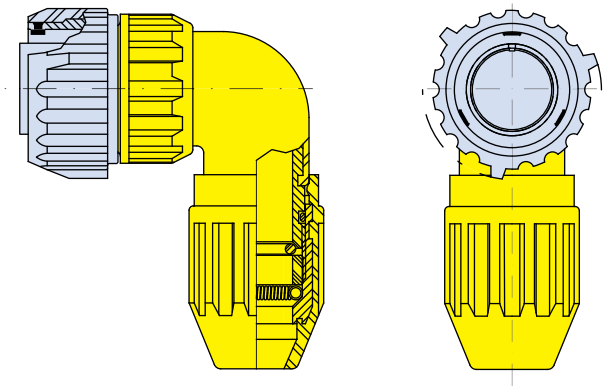
STYLE 08: RIGHT-ANGLE PLUG WITH RUBBER COATED COUPLING NUT AND RUBBER COATED CABLE SEALING BACKSHELL WITH SPRING-STYLE EMI/RFI SHIELD TERMINATION FOR USE WITH JACKETED CABLES



Sample Part Number

FR	ITS	G	41	08	RRG	20-27	P	Y	B1	F7
Fire - Resistant	Reverse-Bayonet	Ground Fingers	Crimp Contacts	90° Plug	RadGrip Plus Cable Sealing	Shell Size / Insert Arrangement (see Appendix)	P = Pin S = Socket	Polarization W, X, Y, Z (Omit for Normal)	Contact Option: B1 = Gold-Plated Omit = Silver-Plated	Material / Finish (see table)

STYLE 08: RIGHT-ANGLE PLUG WITH RUBBER COATED COUPLING NUT AND RUBBER COATED CABLE SEALING BACKSHELL WITH SPRING-STYLE EMI/RFI SHIELD TERMINATION FOR USE WITH JACKETED CABLES . USE WITH ITS-RG 030 REAR-PANEL MOUNT RECEPTACLES



*Mates with ITS-RG 030 and ITS 03

Sample Part Number

FR	ITS	G	41	08	RRGP	20-27	P	Y	B1	F7
Fire - Resistant	Reverse-Bayonet	Ground Fingers	Crimp Contacts	90° Plug	RadGrip Plus Cable Sealing*	Shell Size / Insert Arrangement (see Appendix)	P = Pin S = Socket	Polarization W, X, Y, Z (Omit for Normal)	Contact Option: B1 = Gold-Plated Omit = Silver-Plated	Material / Finish (see table)

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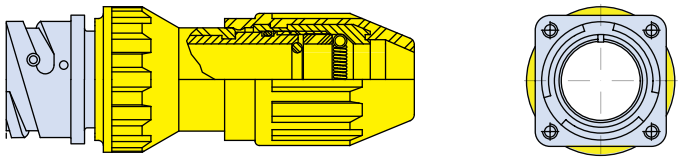
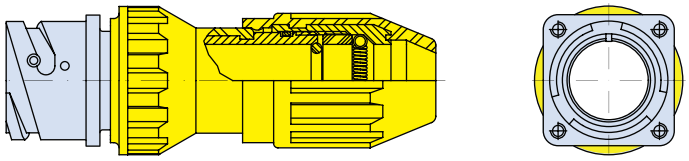
STYLE 00: FRONT PANEL MOUNT, WALL MOUNT RECEPTACLE WITH RUBBER COATED, CABLE SEALING BACKSHELL WITH SPRING-STYLE EMI/RFI SHIELD TERMINATION



Sample Part Number

FR	ITS	41	00	RRG	20-27	P	Y	B1	F7
Fire - Resistant	Reverse-Bayonet	Crimp Contacts	Front Wall Mount	Environmental with Wire-Sealing Grommet	Shell Size / Insert Arrangement (see Appendix)	P = Pin S = Socket	Polarization W, X, Y, Z (Omit for Normal)	Contact Option: B1 = Gold-Plated Omit = Silver-Plated	Material / Finish (see table)

STYLE 030: REAR PANEL MOUNT, WALL MOUNT RECEPTACLE AND RUBBER COATED CABLE SEALING BACKSHELL WITH SPRING-STYLE EMI/RFI SHIELD TERMINATION



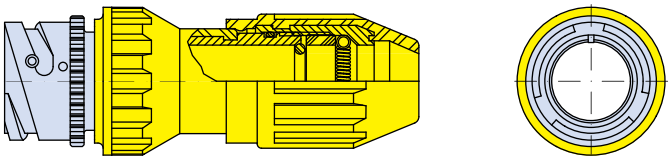
Thread Size
14S thru 24: M4
28 thru 40: M5

Mates with
ITS 06 RRGP
and
ITS 08 RRGP

Sample Part Number

FR	ITS	41	030	RRG	20-27	P	Y	B1	F7
Fire - Resistant	Reverse-Bayonet	Crimp Contacts	Rear Panel Mount	Environmental with Wire-Sealing Grommet	Shell Size / Insert Arrangement (see Appendix)	P = Pin S = Socket	Polarization W, X, Y, Z (Omit for Normal)	Contact Option: B1 = Gold-Plated Omit = Silver-Plated	Material / Finish (see table)

STYLE 01: INLINE RECEPTACLE PLUS RUBBER COATED BACKSHELL WITH SPRING-STYLE EMI/RFI SHIELD TERMINATION FOR USE WITH JACKETED CABLES



Sample Part Number

FR	ITS	41	01	RRG	20-27	P	Y	B1	F7
Fire - Resistant	Reverse-Bayonet	Crimp Contacts	In-Line Receptacle	Environmental with Wire-Sealing Grommet	Shell Size / Insert Arrangement (see Appendix)	P = Pin S = Socket	Polarization W, X, Y, Z (Omit for Normal)	Contact Option: B1 = Gold-Plated Omit = Silver-Plated	Material / Finish (see table)

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