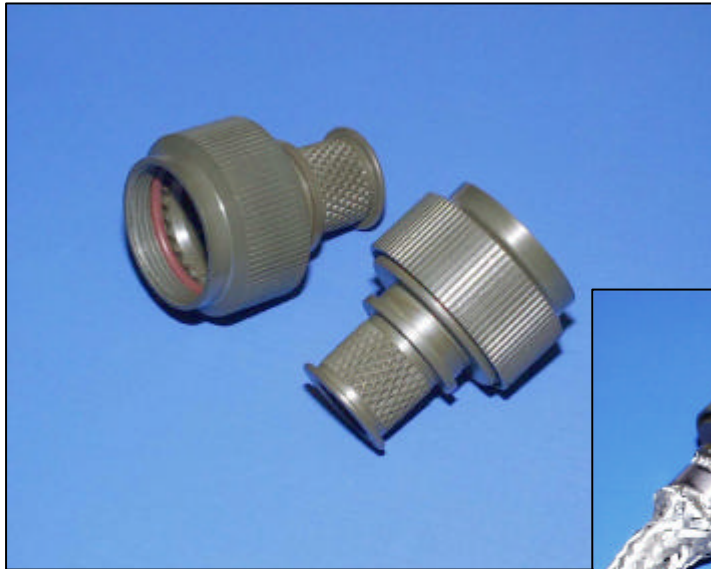


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Interconnection Accessories

5001 Backshell Series

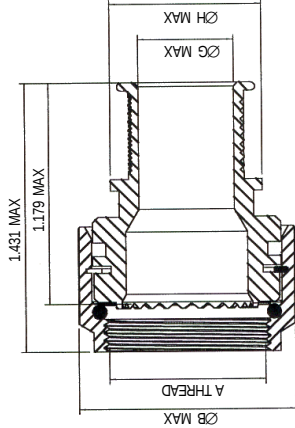


- For use on 62GB, MIL-C-26482, BS9522, F0017 connector ranges.
- MIL-C-38999 Series1, BS9522, F0029, BS9520, G0001, HE308.
- The 5001 Backshells are suitable for termination using Bandit, Zetalock and Heatshrink product.
- The 5001 Backshell is designed to give 360° screening.

[Amphenol Interconnection Accessories - Amphenol Distributor:](#)

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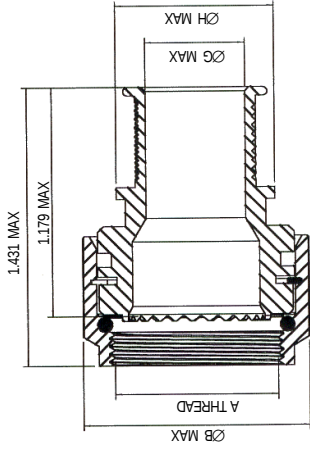
PART NUMBER	A-THREAD	ØB MAX	ØG MAX	ØH MAX	REC HELLERMAN BOOT 90°	REC HELLERMAN BOOT STRAIGHT	SPRING REF
5001-08-00-00-10-AA-XX	7/16-28 UNEF	18.14	6.48	14.04	1152-4-GW24	152-42-GW24	HE 050
5001-10-00-00-10-AA-XX	9/16-24 UNEF	20.45	8.05	15.61	1154-4-GW24	154-42-GW24	HE 100
5001-12-00-00-10-AA-XX	11/16-24 UNEF	24.64	11.25	18.81	1155-4-GW24	155-42-GW24	HE 100
5001-14-00-00-10-AA-XX	13/16-20 UNEF	29.13	12.83	20.39	1155-4-GW24	155-42-GW24	HE 200
5001-16-00-00-10-AA-XX	15/16-20 UNEF	32.13	16.00	23.57	1156-4-GW24	156-42-GW24	HE 200
5001-18-00-00-10-AA-XX	1 1/16-18 UNEF	32.64	19.18	26.74	1156-4-GW24	156-42-GW24	HE 300
5001-20-00-00-10-AA-XX	1 3/16-18 UNEF	39.78	22.38	29.92	1157-4-GW24	157-43-GW24	HE 300
5001-22-00-00-10-AA-XX	1 5/16-18 UNEF	43.28	25.55	33.09	1157-4-GW24	157-43-GW24	HE 300
5001-24-00-00-10-AA-XX	1 7/16-18 UNEF	44.25	25.55	33.09	1157-4-GW24	157-43-GW24	HE 300
5001-08-06-00-10-AA-XX	7/16-28 UNEF	18.14	4.83	14.04	1152-4-GW24	152-42-GW24	HE 050
5001-10-08-00-10-AA-XX	9/16-24 UNEF	20.45	6.48	14.04	1154-4-GW24	154-42-GW24	HE 050
5001-12-10-00-10-AA-XX	11/16-24 UNEF	24.64	8.05	15.61	1155-4-GW24	155-42-GW24	HE 100
5001-14-12-00-10-AA-XX	13/16-20 UNEF	29.13	11.25	18.81	1155-4-GW24	155-42-GW24	HE 100
5001-16-14-00-10-AA-XX	15/16-20 UNEF	32.13	12.83	20.39	1156-4-GW24	156-42-GW24	HE 200
5001-18-16-00-10-AA-XX	1 1/16-18 UNEF	32.64	16.00	23.57	1156-4-GW24	156-42-GW24	HE 200
5001-20-18-00-10-AA-XX	1 3/16-18 UNEF	39.78	19.18	26.74	1157-4-GW24	157-43-GW24	HE 300
5001-22-20-00-10-AA-XX	1 5/16-18 UNEF	43.28	22.38	29.92	1157-4-GW24	157-43-GW24	HE 300
5001-24-22-00-10-AA-XX	1 7/16-18 UNEF	44.25	25.55	33.09	1157-4-GW24	157-43-GW24	HE 300



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	NOTE: ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AFTER PLATING/METAL FINISHING			TOLERANCES				BACKSHELL STRAIGHT Drawing Number 5001 SERIES

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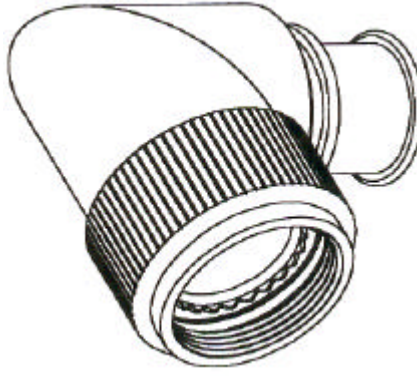
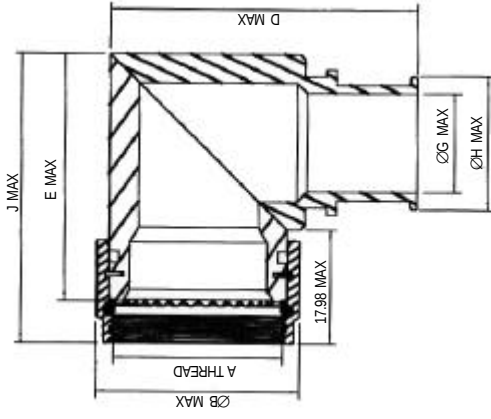
PART NUMBER	A-THREAD	ØB MAX	ØG MAX	ØH MAX	REC HELLERMAN BOOT 90°	REC HELLERMAN BOOT STRAIGHT	SPRING REF
5001-08-00-00-10-AA-XX	7/16-28 UNEF	0.714	0.255	0.5528	1152-4-GW24	152-42-GW24	HE 050
5001-10-00-00-10-AA-XX	9/16-24 UNEF	0.805	0.317	0.6146	1154-4-GW24	154-42-GW24	HE 100
5001-12-00-00-10-AA-XX	11/16-24 UNEF	0.970	0.443	0.7406	1155-4-GW24	155-42-GW24	HE 100
5001-14-00-00-10-AA-XX	13/16-20 UNEF	1.147	0.505	0.8028	1155-4-GW24	155-42-GW24	HE 200
5001-16-00-00-10-AA-XX	15/16-20 UNEF	1.265	0.630	0.9280	1156-4-GW24	156-42-GW24	HE 200
5001-18-00-00-10-AA-XX	1 1/16-18 UNEF	1.285	0.755	1.0528	1156-4-GW24	156-42-GW24	HE 300
5001-20-00-00-10-AA-XX	1 3/16-18 UNEF	1.566	0.881	1.1780	1157-4-GW24	157-43-GW24	HE 300
5001-22-00-00-10-AA-XX	1 5/16-18 UNEF	1.704	1.006	1.3028	1157-4-GW24	157-43-GW24	HE 300
5001-24-00-00-10-AA-XX	1 7/16-18 UNEF	1.742	1.006	1.3028	1157-4-GW24	157-43-GW24	HE 300
5001-08-06-00-10-AA-XX	7/16 - 28 UNEF	0.714	0.190	0.5528	1152-4-GW24	152-42-GW24	HE 050
5001-10-08-00-10-AA-XX	9/16-24 UNEF	0.805	0.255	0.5528	1154-4-GW24	154-42-GW24	HE 050
5001-12-10-00-10-AA-XX	11/16-24 UNEF	0.970	0.317	0.6146	1155-4-GW24	155-42-GW24	HE 100
5001-14-12-00-10-AA-XX	13/16-20 UNEF	1.147	0.443	0.7406	1155-4-GW24	155-42-GW24	HE 100
5001-16-14-00-10-AA-XX	15/16-20 UNEF	1.265	0.505	0.8028	1156-4-GW24	156-42-GW24	HE 200
5001-18-16-00-10-AA-XX	1 1/16-18 UNEF	1.285	0.630	0.9280	1156-4-GW24	156-42-GW24	HE 200
5001-20-18-00-10-AA-XX	1 3/16-18 UNEF	1.566	0.755	1.0528	1157-4-GW24	157-43-GW24	HE 300
5001-22-20-00-10-AA-XX	1 5/16-18 UNEF	1.704	0.881	1.1780	1157-4-GW24	157-43-GW24	HE 300
5001-24-22-00-10-AA-XX	1 7/16-18 UNEF	1.742	1.006	1.3028	1157-4-GW24	157-43-GW24	HE 300



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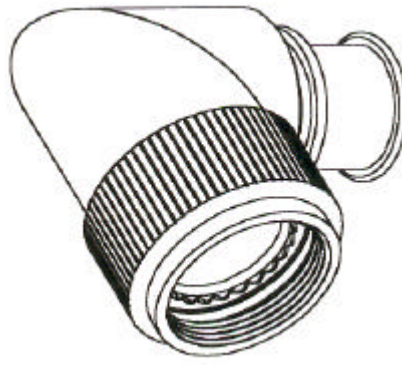
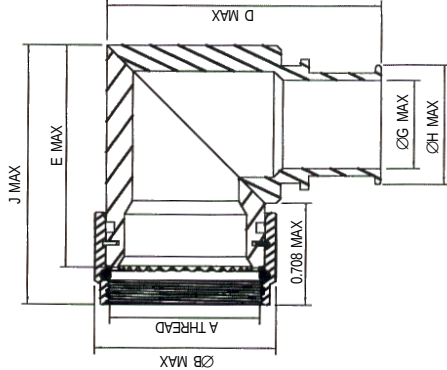
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5001-08-00-90-10-AA-XX	7/16-28 UNEF	35.18	18.14	25.98	6.48	14.04	32.39	152-42-GW24	HE 050		
5001-10-00-90-10-AA-XX	9/16-24 UNEF	38.35	20.45	29.16	8.05	15.61	35.56	154-42-GW24	HE 100		
5001-12-00-90-10-AA-XX	11/16-24 UNEF	39.75	24.64	32.33	11.25	18.81	38.74	155-42-GW24	HE 100		
5001-14-00-90-10-AA-XX	13/16-20 UNEF	46.30	29.13	37.11	12.83	20.39	43.51	155-42-GW24	HE 200		
5001-16-00-90-10-AA-XX	15/16-20 UNEF	47.70	32.13	40.28	16.00	23.57	46.69	156-42-GW24	HE 200		
5001-18-00-90-10-AA-XX	1 1/16-18 UNEF	47.70	32.64	40.28	19.18	26.74	46.69	156-42-GW24	HE 300		
5001-20-00-90-10-AA-XX	1 3/16-18 UNEF	55.63	39.78	48.21	22.38	29.92	54.61	157-43-GW24	HE 300		
5001-22-00-90-10-AA-XX	1 5/16-18 UNEF	58.80	43.28	51.38	25.55	33.09	57.79	157-43-GW24	HE 300		
5001-24-00-90-10-AA-XX	1 7/16-18 UNEF	58.80	44.25	51.38	25.55	33.09	57.79	157-43-GW24	HE 300		
5001-08-06-90-10-AA-XX	7/16 - 28 UNEF	33.40	18.14	25.98	4.83	14.04	32.39	152-42-GW24	HE 050		
5001-10-08-90-10-AA-XX	9/16-24 UNEF	36.58	20.45	29.16	6.48	14.04	35.56	154-42-GW24	HE 050		
5001-12-10-90-10-AA-XX	11/16-24 UNEF	39.75	24.64	32.33	8.05	15.61	38.74	155-42-GW24	HE 100		
5001-14-12-90-10-AA-XX	13/16-20 UNEF	44.53	29.13	37.11	11.25	18.81	43.51	155-42-GW24	HE 100		
5001-16-14-90-10-AA-XX	15/16-20 UNEF	47.70	32.13	40.28	12.83	20.39	46.69	156-42-GW24	HE 200		
5001-18-16-90-10-AA-XX	1 1/16-18 UNEF	47.70	32.64	40.28	16.00	23.57	46.69	156-42-GW24	HE 200		
5001-20-18-90-10-AA-XX	1 3/16-18 UNEF	55.63	39.78	48.21	19.18	26.74	54.61	157-43-GW24	HE 300		
5001-22-20-90-10-AA-XX	1 5/16-18 UNEF	58.80	43.28	51.38	22.38	29.92	57.79	157-43-GW24	HE 300		
5001-24-22-90-10-AA-XX	1 7/16-18 UNEF	58.80	44.25	51.38	25.55	33.09	57.79	157-43-GW24	HE 300		



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	NOTE: ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AFTER PLATING/METAL FINISHING			TOLERANCES				BACKSHELL RIGHT ANGLE	
			SCALE					Drawing Number	
					5001 SERIES				

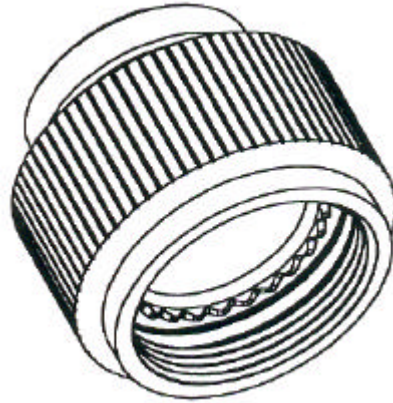
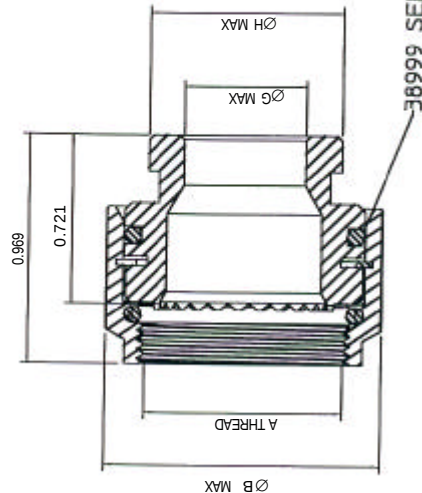
Amphenol

PART NUMBER	A-THREAD	D MAX	ØB MAX	E MAX	ØG MAX	ØH MAX	J MAX	REC HELLERMAN BOOT STRAIGHT	SPRING REF
5001-08-00-90-10-AA-XX	7/16-28 UNEF	1.385	0.714	1.023	0.255	0.5528	1.275	152-42-GW24	HE 050
5001-10-00-90-10-AA-XX	9/16-24 UNEF	1.510	0.805	1.148	0.317	0.6146	1.400	154-42-GW24	HE 100
5001-12-00-90-10-AA-XX	11/16-24 UNEF	1.565	0.970	1.273	0.443	0.7406	1.525	155-42-GW24	HE 100
5001-14-00-90-10-AA-XX	13/16-20 UNEF	1.823	1.147	1.461	0.505	0.8028	1.713	155-42-GW24	HE 200
5001-16-00-90-10-AA-XX	15/16-20 UNEF	1.878	1.265	1.586	0.630	0.9280	1.838	156-42-GW24	HE 200
5001-18-00-90-10-AA-XX	1 1/16-18 UNEF	1.878	1.285	1.586	0.755	1.0528	1.838	156-42-GW24	HE 300
5001-20-00-90-10-AA-XX	1 3/16-18 UNEF	2.190	1.566	1.898	0.881	1.1780	2.150	157-43-GW24	HE 300
5001-22-00-90-10-AA-XX	1 5/16-18 UNEF	2.315	1.704	2.023	1.006	1.3028	2.275	157-43-GW24	HE 300
5001-24-00-90-10-AA-XX	1 7/16-18 UNEF	2.315	1.742	2.023	1.006	1.3028	2.275	157-43-GW24	HE 300
5001-08-06-90-10-AA-XX	7/16 - 28 UNEF	1.315	0.714	1.023	0.190	0.5528	1.275	152-42-GW24	HE 050
5001-10-08-90-10-AA-XX	9/16-24 UNEF	1.440	0.805	1.148	0.255	0.5528	1.400	154-42-GW24	HE 050
5001-12-10-90-10-AA-XX	11/16-24 UNEF	1.565	0.970	1.273	0.317	0.6146	1.525	155-42-GW24	HE 100
5001-14-12-90-10-AA-XX	13/16-20 UNEF	1.753	1.147	1.461	0.443	0.7406	1.713	155-42-GW24	HE 100
5001-16-14-90-10-AA-XX	15/16-20 UNEF	1.878	1.265	1.586	0.505	0.8028	1.838	156-42-GW24	HE 200
5001-18-16-90-10-AA-XX	1 1/16-18 UNEF	1.878	1.285	1.586	0.630	0.9280	1.838	156-42-GW24	HE 200
5001-20-18-90-10-AA-XX	1 3/16-18 UNEF	2.190	1.566	1.898	0.755	1.0528	2.150	157-43-GW24	HE 300
5001-22-20-90-10-AA-XX	1 5/16-18 UNEF	2.315	1.704	2.023	0.881	1.1780	2.275	157-43-GW24	HE 300
5001-24-22-90-10-AA-XX	1 7/16-18 UNEF	2.315	1.742	2.023	1.006	1.3028	2.275	157-43-GW24	HE 300



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	NOTE: ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AFTER PLATING/METAL FINISHING	SCALE	INCHES	TOLERANCES	Amphenol Ltd	Thanet Way, Whitstable, Kent. CT5 3JF			BACKSHELL RIGHT ANGLE 5001 SERIES
					Tel: 01227 773200 Fax: 01227 276571		Drawing Number		

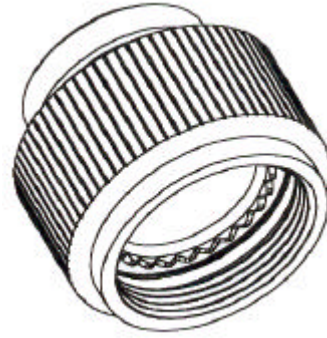
PART NUMBER	A-THREAD	ØB MAX	ØG MAX	ØH MAX	REC HELLERMAN BOOT 90°	REC HELLERMAN BOOT STRAIGHT
5101-08-00-00-10-AA-XX	7/16-28 UNEF	18.14	6.48	14.04	1152-4-GW24	152-42-GW24
5101-10-00-00-10-AA-XX	9/16-24 UNEF	20.45	8.05	15.61	1154-4-GW24	154-42-GW24
5101-12-00-00-10-AA-XX	11/16-24 UNEF	24.64	11.25	18.81	1155-4-GW24	155-42-GW24
5101-14-00-00-10-AA-XX	13/16-20 UNEF	29.13	12.83	20.39	1155-4-GW24	155-42-GW24
5101-16-00-00-10-AA-XX	15/16-20 UNEF	32.13	16.00	23.57	1156-4-GW24	156-42-GW24
5101-18-00-00-10-AA-XX	1 1/16-18 UNEF	32.64	19.18	26.74	1156-4-GW24	156-42-GW24
5101-20-00-00-10-AA-XX	1 3/16-18 UNEF	39.78	22.38	29.92	1157-4-GW24	157-43-GW24
5101-22-00-00-10-AA-XX	1 5/16-18 UNEF	43.28	25.55	33.09	1157-4-GW24	157-43-GW24
5101-24-00-00-10-AA-XX	1 7/16-18 UNEF	44.25	25.55	33.09	1157-4-GW24	157-43-GW24

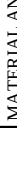


36999 SERIES ONLY

 THIRD ANGLE PROJECTION	MATERIAL AND FINISH CODES ARE SPECIFIED ON ORDER		CHECKED	DIMENSIONS IN		AMPHENOL LTD Amphenol Ltd Thanet Way, Whitstable, Kent. CT5 3JF Tel: 01227 773200 Fax: 01227 276571	This drawing is the property of Amphenol Ltd and shall not be copied or disclosed to a third party without the express permission of Amphenol Ltd Amphenol Ltd 2000®	TITLE
	NOTE: ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AFTER PLATING/METAL FINISHING			MM	TOLERANCES			BACKSHELL STRAIGHT FOR HEATSHRINK BOOT
								Drawing Number
								5101 SERIES

PART NUMBER	A-THREAD	ØB MAX	ØG MAX	ØH MAX	REC HELLERMAN BOOT 90°	REC HELLERMAN BOOT STRAIGHT
5101-08-00-00-10-AA-XX	7/16-28 UNEF	0.714	0.255	0.5528	1152-4-GW24	152-42-GW24
5101-10-00-00-10-AA-XX	9/16-24 UNEF	0.805	0.317	0.6146	1154-4-GW24	154-42-GW24
5101-12-00-00-10-AA-XX	11/16-24 UNEF	0.970	0.443	0.7406	1155-4-GW24	155-42-GW24
5101-14-00-00-10-AA-XX	13/16-20 UNEF	1.147	0.505	0.8028	1155-4-GW24	155-42-GW24
5101-16-00-00-10-AA-XX	15/16-20 UNEF	1.265	0.630	0.9280	1156-4-GW24	156-42-GW24
5101-18-00-00-10-AA-XX	1 1/16-18 UNEF	1.285	0.755	1.0528	1156-4-GW24	156-42-GW24
5101-20-00-00-10-AA-XX	1 3/16-18 UNEF	1.566	0.881	1.1780	1157-4-GW24	157-43-GW24
5101-22-00-00-10-AA-XX	1 5/16-18 UNEF	1.704	1.006	1.3028	1157-4-GW24	157-43-GW24
5101-24-00-00-10-AA-XX	1 7/16-18 UNEF	1.742	1.006	1.3028	1157-4-GW24	157-43-GW24



	MATERIAL AND FINISH CODES ARE SPECIFIED ON ORDER		CHECKED	DIMENSIONS IN Inches		AMPHENOL LTD Amphenol Ltd Thanet Way, Whitstable, Kent. CT5 3JF Tel: 01227 773200 Fax: 01227 276571	This drawing is the property of Amphenol Ltd and shall not be copied or disclosed to a third party without the express permission of Amphenol Ltd Amphenol Ltd 2000®	TITLE BACKSHELL STRAIGHT WITH HEATSHRINK BOOT Drawing Number 5101 SERIES
	NOTE: ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS AFTER PLATING/METAL FINISHING		SCALE	TOLERANCES				

Part Number Information

AIA50 01 XX XX XX XX XX XX

Denotes Backshell Style

50 = Zeta Lock Termination with heatshrink boot groove
51 = Spin Coupler to take heatshrink boot

Denotes Connector Style

01 = Series 2 62GB

Denotes Connector Shell Size

8, 10, 12, 14, 16, 18, 20, 22, 24

Denotes Backshell Inlet Size

See Chart for Inlet Standard
Consult Factory for Alternatives

Denotes Backshell Exit Angle

00 = 0°
45 = 45°
90 = 90°
Consult Factory for Alternatives

Denotes Working Length

00 = Standard
Consult Factory for Alternatives

Denotes Backshell Material

AA = Aluminium Alloy
RB = Aluminium Bronze
SS = Stainless Steel

Denotes Backshell Plating Finish

01 = Unplated
02 = Electroless Nickel
03 = Cadmium with Olive Drab Chromate Passivation
04 = Zinc Cobalt with Green Chromate Passivation
05 = Zinc Cobalt with Black Chromate Passivation

For further information on cables, connectors and assemblies please consult your local office.
Product specifications and performance characteristics are typical only, and subject to change.

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