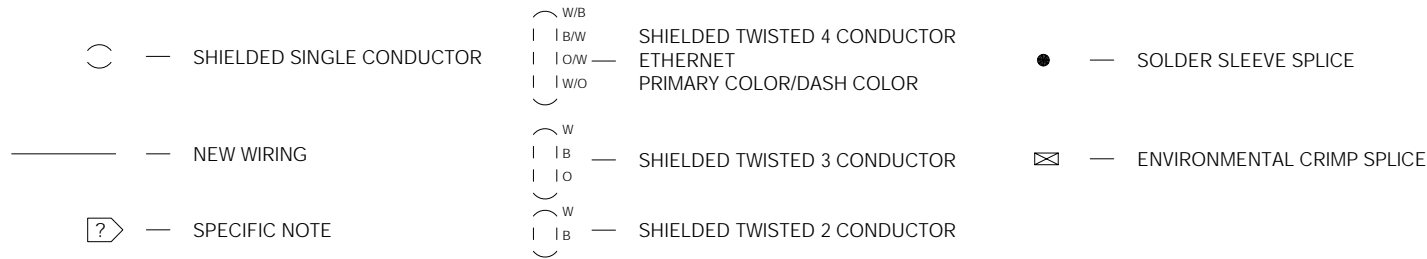


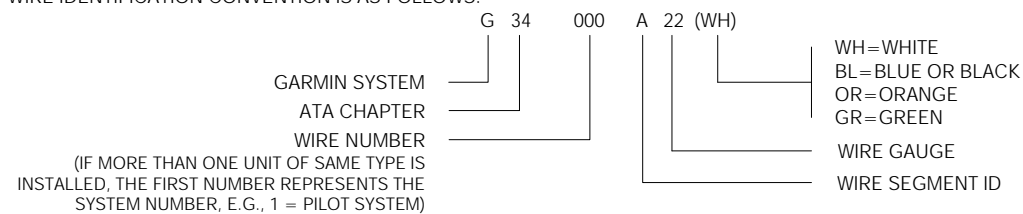
NOTES

- UNLESS OTHERWISE SPECIFIED, REFER TO SAE AS50881 REV. B, WIRING AEROSPACE VEHICLE.
- UNLESS OTHERWISE SPECIFIED, ALL STRANDED WIRE IS 22 AWG MINIMUM AND SHALL MEET OR EXCEED M22759/16 SPECIFICATION OR M81044/12 SPECIFICATION. UNLESS OTHERWISE SPECIFIED, ALL SHIELDED WIRE IS 24 AWG MINIMUM AND SHALL MEET OR EXCEED M27500 SPECIFICATION. THE FOLLOWING SYMBOLS ARE USED IN THIS DRAWING:



- ELECTRICAL EQUIPMENT AND THEIR SUPPORTING BRACKETS SHALL BE ELECTRONICALLY BONDED. THE SURFACE PREPARATION SHALL BE PER SAE ARP 1870, SECTION 5. THE ELECTRICAL BOND SHALL ACHIEVE A DIRECT CURRENT (DC) RESISTANCE OF 2.5 MILLIOHMS OR LESS BETWEEN EACH FAYING SURFACE AND THE AIRCRAFT STRUCTURE. COMPLIANCE SHALL BE VERIFIED BY INSPECTION USING A CALIBRATED MILLIOHM METER. ELECTRICAL EQUIPMENT INCLUDES METAL CONNECTORS WITH SHIELDS. ELECTRICAL BONDS OF EQUIPMENT SHALL BE PERFORMED WITH HARNESS CONNECTOR DISCONNECTED.

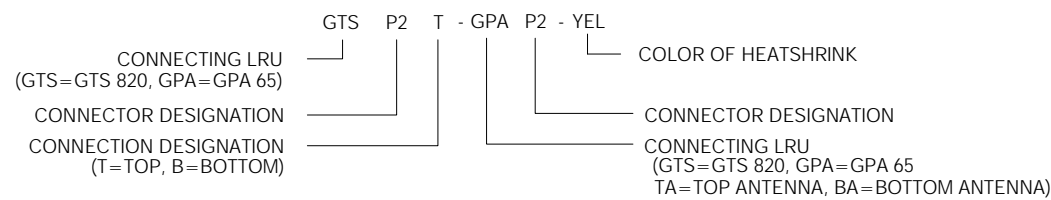
- WIRE IDENTIFICATION CONVENTION IS AS FOLLOWS:



WIRE IDENTIFICATION PARTICULARS:

- STRANDED WIRES ARE TO BE PERMANENTLY MARKED AS SHOWN ON THIS DRAWING.
- JACKETED WIRES AND COAXIAL CABLES MAY BE IDENTIFIED IN THE SAME MANNER AS STRANDED WIRES OR MAY BE IDENTIFIED VIA HEATSHRINK LABEL WITHIN 12 INCHES OF EACH JACKETED WIRE/CABLE END.

- COAXIAL CABLE IDENTIFICATION CONVENTION IS AS FOLLOWS:



- ALL ITEMS SHOWING A VENDOR OTHER THAN GARMIN MUST BE OBTAINED BY THE INSTALLER. IF NO VENDOR IS LISTED, THE ITEM MAY BE OBTAINED FROM THE BEST AVAILABLE SOURCE. VENDOR CONTACT INFORMATION:

GARMIN: 1200 E 151ST STREET OLATHE, KS 66062 1-888-606-5482 www.GARMIN.com
 HAWKER BEECHCRAFT CORPORATION: 888.727.4344 or 316.676.3100 www.hawkerbeechcraft.com/RAPID

- SOLDER SLEEVE AS83519/1-2 ALONG WITH BRAID WIRE IS USED TO TERMINATE SHIELDS OF SHIELDED SINGLE CONDUCTOR CABLES. BRAID WIRE LENGTH SHOULD NOT EXCEED 4 INCHES. NAS1745-14 OR S2974-2 ARE ACCEPTABLE ALTERNATIVES TO AS83519/1-2 SOLDER SLEEVES.

SOLDER SLEEVE AS83519/1-3 ALONG WITH BRAID WIRE IS USED TO TERMINATE SHIELDS OF TWISTED PAIR CABLES. BRAID WIRE LENGTH SHOULD NOT EXCEED 4 INCHES. NAS1745-15 OR S2974-3 ARE ACCEPTABLE ALTERNATIVES TO AS83519/1-3 SOLDER SLEEVES.

SOLDER SLEEVE AS83519/1-4 ALONG WITH BRAID WIRE IS USED TO TERMINATE SHIELDS OF SHIELDED TWISTED TRIPLE CABLES AND ETHERNET CABLES. BRAID WIRE LENGTH SHOULD NOT EXCEED 4 INCHES. NAS1745-23 OR S2974-4 ARE ACCEPTABLE ALTERNATIVES TO AS83519/1-4 SOLDER SLEEVES.

- USE HEATSHRINK TUBING M23053/5-104-Y FOR INSULATING FLOATING SHIELDS ON SINGLE-CONDUCTOR.

USE HEATSHRINK TUBING M23053/5-105-Y FOR INSULATING FLOATING SHIELDS ON TWISTED PAIR CONDUCTORS AND TWISTED TRIPLE CONDUCTORS.

USE HEATSHRINK TUBING M23053/5-106-Y FOR INSULATING FLOATING SHIELDS ON ETHERNET CABLE.

USE HEATSHRINK TUBING M23053/5-103-Y AS REQUIRED FOR ISOLATING MULTIPLE ADJACENT SHIELD BRAIDS. THE LAST "-Y" IN THE PART NUMBERS REFERENCED REPRESENTS COLOR. COLOR USED IS INSTALLER/FABRICATOR'S PREFERENCE.

REV	DESCRIPTION	DATE	ECO
1	INITIAL RELEASE	6/9/10	-----

- ENVIRONMENTALLY RESISTANT CRIMP SPLICE M81824/1-X SHOULD BE USED. WHERE 'X' SPECIFIES SPLICE DIAMETER. USE TABLE 1 OF AS81824/1 TO DETERMINE REQUIRED SIZE.

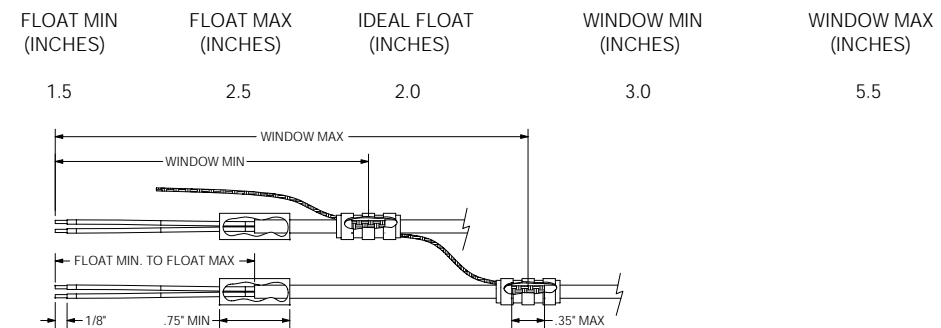
- COAXIAL CABLE ASSEMBLIES MUST MEET THE FOLLOWING ATTENUATION BUDGETS:

ATTENUATION (dB) @ 1090 MHz			
COAX	FROM	TO	ATTENUATION MAX.
320-00609-09	GTS 820	GPA 65	2.5
320-00609-10	GTS 820	GPA 65	2.5
320-00609-11	GTS 820	GPA 65	2.5
320-00609-12	GTS 820	GPA 65	2.5
320-00609-17	GTS 820	LWR GA58	3.0
320-00609-18	GTS 820	LWR GA58	3.0
320-00609-19	GTS 820	LWR GA58	3.0
320-00609-20	GTS 820	LWR GA58	3.0
320-00609-13	GPA 65	UPR GA58	.5
320-00609-14	GPA 65	UPR GA58	.5
320-00609-15	GPA 65	UPR GA58	.5
320-00609-16	GPA 65	UPR GA58	.5

- EXTENSIONS OF USB HARNESS WIRING IS NOT ALLOWED.

- THIS TABLE IS PROVIDED TO ASSIST THE FABRICATOR IN PREPARING THE WIRES FOR HARNESS FABRICATION. THE LENGTHS SHOWN IN THIS TABLE ARE DISPLAYED IN INCHES, AND INCLUDE ADDITIONAL LENGTH TO ALLOW FOR EASE OF FABRICATION. WIRES WILL NEED TO BE TRIMMED ON ASSEMBLY TO FINAL LENGTH. FINAL HARNESS ASSEMBLY SHOULD CONFORM TO THE LENGTHS INDICATED ON THE HARNESS LAYOUT FIGURES.

- SHIELDED CABLE PREPARATIONS FOR GARMIN UNIT HARNESS CONNECTORS:



NOTES

THE FOLLOWING PARTS ARE DEFINED WITHIN THIS DRAWING			<small>CONFIDENTIAL</small> This drawing and the specifications contained herein are the property of Garmin Ltd. or its subsidiaries and may not be reproduced or used in whole or in part as the basis for manufacture or sale of products without written permission.	GARMIN. <small>Garmin Ltd. or its subsidiaries c/o Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.</small>	
320-00609-01	320-00609-02	320-00609-03		TITLE	DATE
320-00609-04	320-00609-05	320-00609-06	HARNESS AND COAX FABRICATION, GTS 820 OPTION HAWKER BEECHCRAFT G36	6/9/10	
320-00609-07	320-00609-09	320-00609-10			
320-00609-11	320-00609-12	320-00609-13	SIZE	REV.	
320-00609-14	320-00609-15	320-00609-16	B	1	
320-00609-17	320-00609-18	320-00609-19	SCALE	DER REVIEW REQ'D	
320-00609-20	320-00609-08 (not used)		NONE	SHT. 1 OF 12	

NOTES (CONT'D.)

14) TABLE OF CONTENTS:

SHEET	DESCRIPTION
1	NOTES
2	NOTES, WIRING BOM
3	WIRE CUTTING GUIDE, COAX BOM
4	HARNESS LAYOUTS
5	P8002 & P8003 CONNECTOR ASSY.
6	P8001 CONNECTOR ASSY.
7	AMP CONNECTOR ASSY.
8	AMP CONNECTOR ASSY.
9	320-00609-05 COAX ASSY.
10	320-00609-06 COAX ASSY.
11	320-00609-07 COAX ASSY.
12	COAX PREPARATION INSTRUCTIONS

15) THE WIRING IS TIED TOGETHER USING NYLON LACING TAPE (ITEM 24). AN ACCEPTABLE ALTERNATIVE TO USING NYLON LACING TAPE IS TO USE MS3367 TIE STRAPS OF APPROPRIATE SIZE. REFER TO AC43.13-1B, CHAPTER 11, SECTION 11-58, TABLE 11-22 FOR GUIDANCE.

16) CONNECTOR/HANGOUT IDENTIFICATION: EACH CONNECTOR/HANGOUTS ARE TO BE MARKED WITH THE FOLLOWING INFORMATION: CONNECTOR ID, MW (MATES WITH) CONNECTOR, AND UNIT (IF APPLICABLE).

CONNECTOR	MATES WITH	UNIT
P8001	J8001	GTS 820
P8002	J8002	GTS 820
P8003	J8003	GTS 820
P651	J651	GPA 65
3445P6	3445J6	NA
3445J5	3445P5	NA
3445P12	3445J12	NA
GTSP2	GTSJ2	NA
GTSJ1	GTSP1	NA

17) WIRE GROUPINGS (HANGOUT) IDENTIFICATION: EACH OF THE FOLLOWING HANGOUTS ARE TO BE TEMPORARILY MARKED WITH THE FOLLOWING INFORMATION (PERMANENT IDENTIFICATION LABELS WILL BE INSTALLED OR EXISTING ONES REUSED WHEN WIRING IS TERMINATED IN AIRCRAFT):

HANGOUT I.D.	
2322P4	2321P4
3445J12	2320P1

18) TWO TERMINALS MAX PER GARMIN CONNECTOR SHIELD BLOCK STUD.

19) NUMBERS ARE REPRESENTATIVE OF THE DISTANCE IN INCHES BETWEEN CONNECTORS/NODES. ROUTE WIRING AS SHOWN USING THE ROUTE KEY CONTAINED IN THE WIRE CUTTING GUIDE TABLE. TOLERANCE +2/-0 INCHES.

20) COAX ASSEMBLIES CONSIST OF INDIVIDUAL COAXIAL CABLES. CABLES AS SPECIFIED IN THE TABLE BELOW:

320-00609-05 ASSY.	320-00609-06 ASSY.	320-00609-07 ASSY.
320-00609-09	320-00609-17	320-00609-13
320-00609-10	320-00609-18	320-00609-14
320-00609-11	320-00609-19	320-00609-15
320-00609-12	320-00609-20	320-00609-16

21) GARMIN P/N 330-00500-11 IS PART OF QMA PLUG, STRAIGHT CONNECTOR KIT, GARMIN P/N 011-01364-11.

22) GARMIN P/N 330-00500-10 IS PART OF QMA PLUG, RIGHT ANGLE CONNECTOR KIT, GARMIN P/N 011-01364-10.

			AR		NAS1149FN832P	FLAT WASHER, #8	BEST SOURCE	32
			AR		MS35338-42	SPLIT WASHER, #8	BEST SOURCE	31
			AR		MS35206-242	SCREW, PHP, 8-32	BEST SOURCE	30
			AR		M22759/16-20-9 or 131681AA20-9	20 GA STRANDED	BEST SOURCE or HAWKER BEECHCRAFT	29
	6			GTSJ1	170366-1	CONTACT	HAWKER BEECHCRAFT	28
	1				172161-1	CONNECTOR	HAWKER BEECHCRAFT	27
		6		GTSP1	170364-1	CONTACT	HAWKER BEECHCRAFT	26
		1			172169-1	CONNECTOR	HAWKER BEECHCRAFT	25
	AR	AR			MIL-T-43435B	TAPE, LACING/TYING, NYLON	BEST SOURCE	24
	AR	AR			AA59163-11I0020 or S2672	TAPE, SILICONE FUSION	BEST SOURCE or HAWKER BEECHCRAFT	23
7	AR	AR	AR	SHIELDS	AA59569F36T0062 OR S03-0X-R-9035-100	FLAT BRAID, 1/16 INCH	BEST SOURCE OR HAWKER BEECHCRAFT	22
		AR			M27500-16TE2T14 OR 132088-16TG2T14	16 GA TWISTED PAIR	BEST SOURCE OR HAWKER BEECHCRAFT	21
	AR	AR			M27500-22TE3T14 OR 132088-22TG3T14	22 GA TRIPLE TWISTED	BEST SOURCE OR HAWKER BEECHCRAFT	20
	AR	AR			M27500-22TE2T14 OR 132088-22TG2T14	22 GA TWISTED PAIR	BEST SOURCE OR HAWKER BEECHCRAFT	19
AR		AR	AR		M27500-22TE1T14 OR 132088-22TG1T14	22 GA SINGLE SHIELD	BEST SOURCE OR HAWKER BEECHCRAFT	18
		AR			M22759/16-22-9 OR 131681AA22-9	22 GA STRANDED	BEST SOURCE OR HAWKER BEECHCRAFT	17
	AR	AR			MS25036-149 OR 115110-D8	RING TERMINAL, #8 18-22 AWG	BEST SOURCE OR HAWKER BEECHCRAFT	16
					M17/60-RG142	COAX	BEST SOURCE	15
AR		AR		ETH	E40424 OR 392404	ETHERNET	PIC WIRE & CABLE OR ECS	14
9		AR			M81824/1-X OR D-436-009X	SPLICE, ENVIRONMENTAL	BEST SOURCE OR HAWKER BEECHCRAFT	13
8	AR	AR	AR		M23053/5-10X-Y OR RNF-100-3/8	HEATSHRINK	BEST SOURCE OR HAWKER BEECHCRAFT	12
7	AR	AR	AR		AS83519/1-X OR M83519/1-X	SOLDER SLEEVE	BEST SOURCE	11
10		12		3445J12, GTSJ2	170364-1	CONTACT	HAWKER BEECHCRAFT	10
1		1			172162-1	CONNECTOR	HAWKER BEECHCRAFT	9
	12	10		3445P12, GTSP2	170366-1	CONTACT	HAWKER BEECHCRAFT	8
		1			172170-1	CONNECTOR	HAWKER BEECHCRAFT	7
		3		3445J5	60620-1	CONTACT	HAWKER BEECHCRAFT	6
		1			1-480305-0	CONNECTOR	HAWKER BEECHCRAFT	5
		6		3445P6	170364-1	CONTACT	HAWKER BEECHCRAFT	4
		1			172168-1	CONNECTOR	HAWKER BEECHCRAFT	3
	1			P651	011-01365-00	GPA 65 CONNECTOR KIT	GARMIN	2
		1		P8001, P8002, P8003, USB-B REC.	011-01360-01	GTS 8XX CONNECTOR KIT	GARMIN	1
-04	-03	-02	-01					
QTY. REQUIRED				DESIGNATOR	PART NUMBER	DESCRIPTION	VENDOR	ITEM
GTS 820 OPTION BILL OF MATERIALS (B.O.M.)								

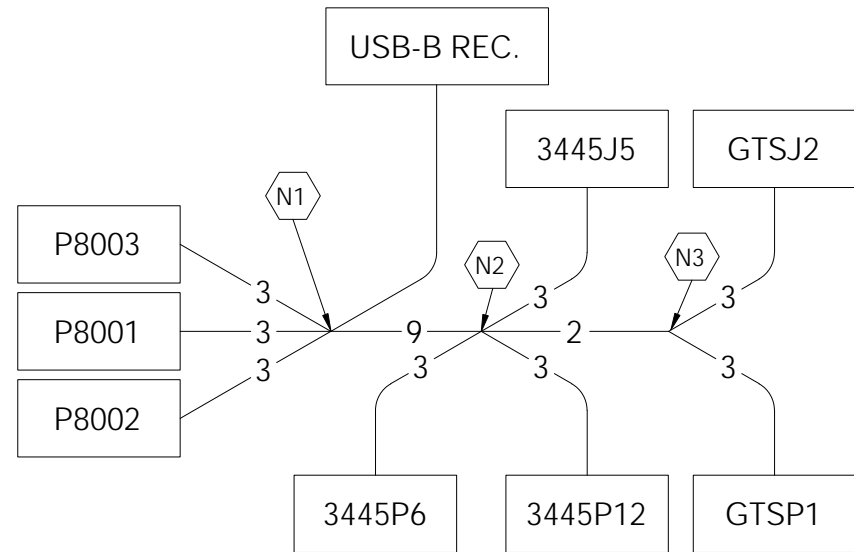
12 GTS 820 INSTALL WIRE CUTTING GUIDE						
WIRE NUMBER	FROM	TO	ROUTE KEY	LENGTH	WIRE P/N	ASSEMBLY WHERE USED
G34100A16	P8003	3445J5	P8003, N1, N2, 3445J5	19	M27500-16TE2T14	320-00609-01
G34101USB	P8001	USB-B REC.	P8001, N1, USB-B REC.	NA	011-01782-00 (P.O. ITEM 3)	320-00609-01
G34102A24	P8001	3445P12	P8001, N1, N2, 3445P12	21	E40424 OR 392404	320-00609-01
G34103A22	P8002	3445P12	P8001, N1, N2, 3445P12	21	M27500-22TE1T14	320-00609-01
G34104A22	P8002	3445P12	P8001, N1, N2, 3445P12	21	M27500-22TE1T14	320-00609-01
G34105A22	P8002	3445P6	P8002, N1, N2, 3445P6	21	M22759/16-22-9	320-00609-01
G34106A22	P8002	3445P6	P8002, N1, N2, 3445P6	21	M27500-22TE1T14	320-00609-01
G34107A22	P8002	3445P6	P8002, N1, N2, 3445P6	21	M27500-22TE2T14	320-00609-01
G34108A22	P8001	GTSP1	P8001, N1, N2, N3, GTSP1	21	M27500-22TE2T14	320-00609-01
G34109A22	P8001	GTSP1	P8001, N1, N2, N3, GTSP1	21	M27500-22TE2T14	320-00609-01
G34110A22	P8003	GTSJ2	P8001, N1, N2, N3, GTSJ2	21	M27500-22TE3T14	320-00609-01
G34111A22	P8003	GTSJ2	P8001, N1, N2, N3, GTSJ2	21	M27500-22TE3T14	320-00609-01
G34112A22	P8003	GTSJ2	P8001, N1, N2, N3, GTSJ2	21	M27500-22TE3T14	320-00609-01
G34108B22	GTSJ1	P651	GTSJ1, N4, P651	134	M27500-22TE2T14	320-00609-02
G34109B22	GTSJ1	P651	GTSJ1, N4, P651	134	M27500-22TE2T14	320-00609-02
G34110B22	GTSP2	P651	GTSP2, N4, P651	134	M27500-22TE3T14	320-00609-02
G34111B22	GTSP2	P651	GTSP2, N4, P651	134	M27500-22TE3T14	320-00609-02
G34112B22	GTSP2	P651	GTSP2, N4, P651	134	M27500-22TE3T14	320-00609-02
G34102B24	3445J12	2320P1	3445J12, N5, 2320P1	236	E40424 OR 392404	320-00609-03
G34103B22	3445J12	2321P4 (SPLICE)	3445J12, N5, 2321P4 (SPLICE)	254	M27500-22TE1T14	320-00609-03
G34104B22	3445J12	2321P4 (SPLICE)	3445J12, N5, 2321P4 (SPLICE)	254	M27500-22TE1T14	320-00609-03
G34103C22	2321P4 (SPLICE)	2322P4	POINT TO POINT	19	M27500-22TE1T14	320-00609-04
G34104C22	2321P4 (SPLICE)	2322P4	POINT TO POINT	19	M27500-22TE1T14	320-00609-04

AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	M17/60-RG142	COAX	BEST SOURCE	3		
21	1	1	1	1	1	1	1	2	2	2	2	P1U, P2U, P3U, P4U P1A, P2A, P3A, P4A P1T, P2T, P3T, P4T P1B, P2B, P3B, P4B	330-00500-11	QMA STRAIGHT CONNECTOR	GARMIN	2	
22	1	1	1	1	1	1	1					P1, P2, P3, P4, PBA1, PBA2, PBA3, PBA4,	330-00500-10	QMA RIGHT ANGLE CONNECTOR	GARMIN	1	
	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-09	DESIGNATOR	PART NUMBER	DESCRIPTION	VENDOR	ITEM
QTY. REQUIRED												COAXIAL CABLE GTS 820 OPTION BILL OF MATERIALS (B.O.M.)					

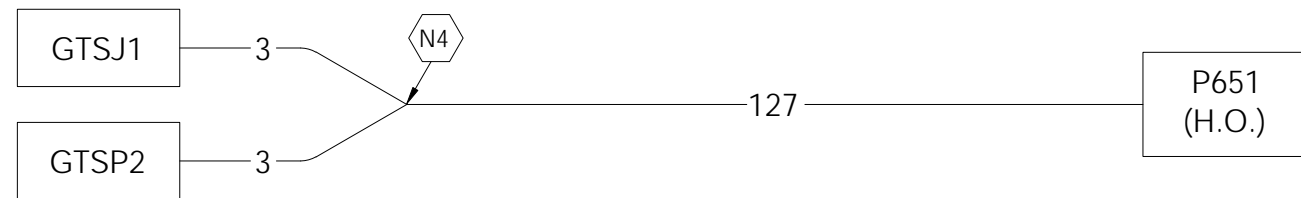
WIRE CUTTING GUIDE, COAXIAL CABLE B.O.M.

GARMIN. <small>Garmin Ltd. or its subsidiaries c/o Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.</small>			
SIZE B	DWG. NO. 320-00609-XX	REV. 1	
SCALE NTS	SHT. 3	OF 12	

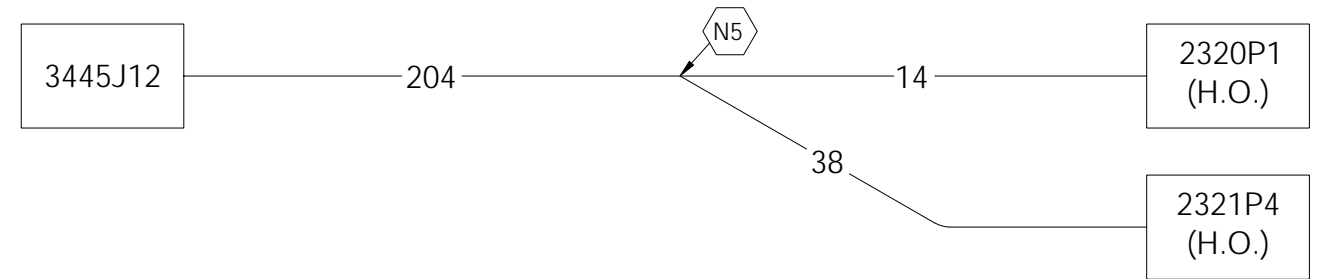
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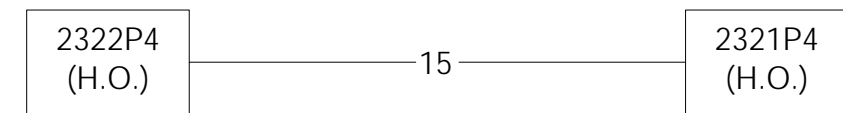
17
19 320-00609-02



17
19 320-00609-03



17
19 320-00609-04 LOOSE WIRES

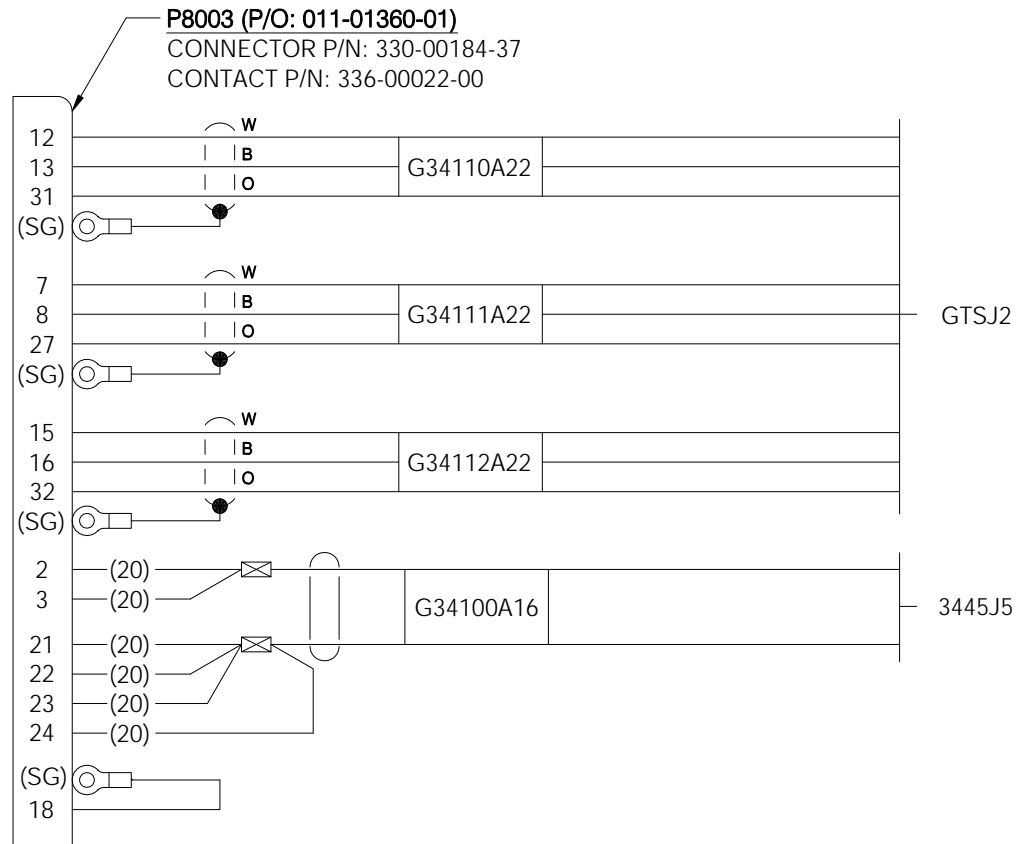


X NODE ID. THIS IS USED TO DEFINE HARNESS BREAKOUT POINTS FOR HARNESS FABRICATION PURPOSES ONLY.

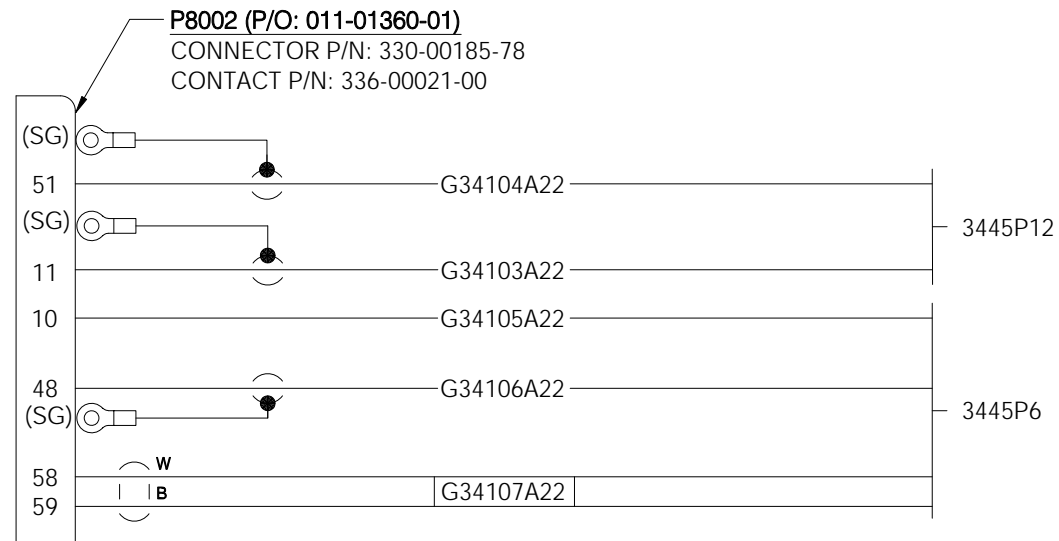
HARNESS LAYOUT

GARMIN.			Garmin Ltd. or its subsidiaries Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.		
SIZE B	DWG. NO. 320-00609-XX	REV. 1			
SCALE NTS	SHT. 4 OF 12				

P8003 PINOUT DETAILS

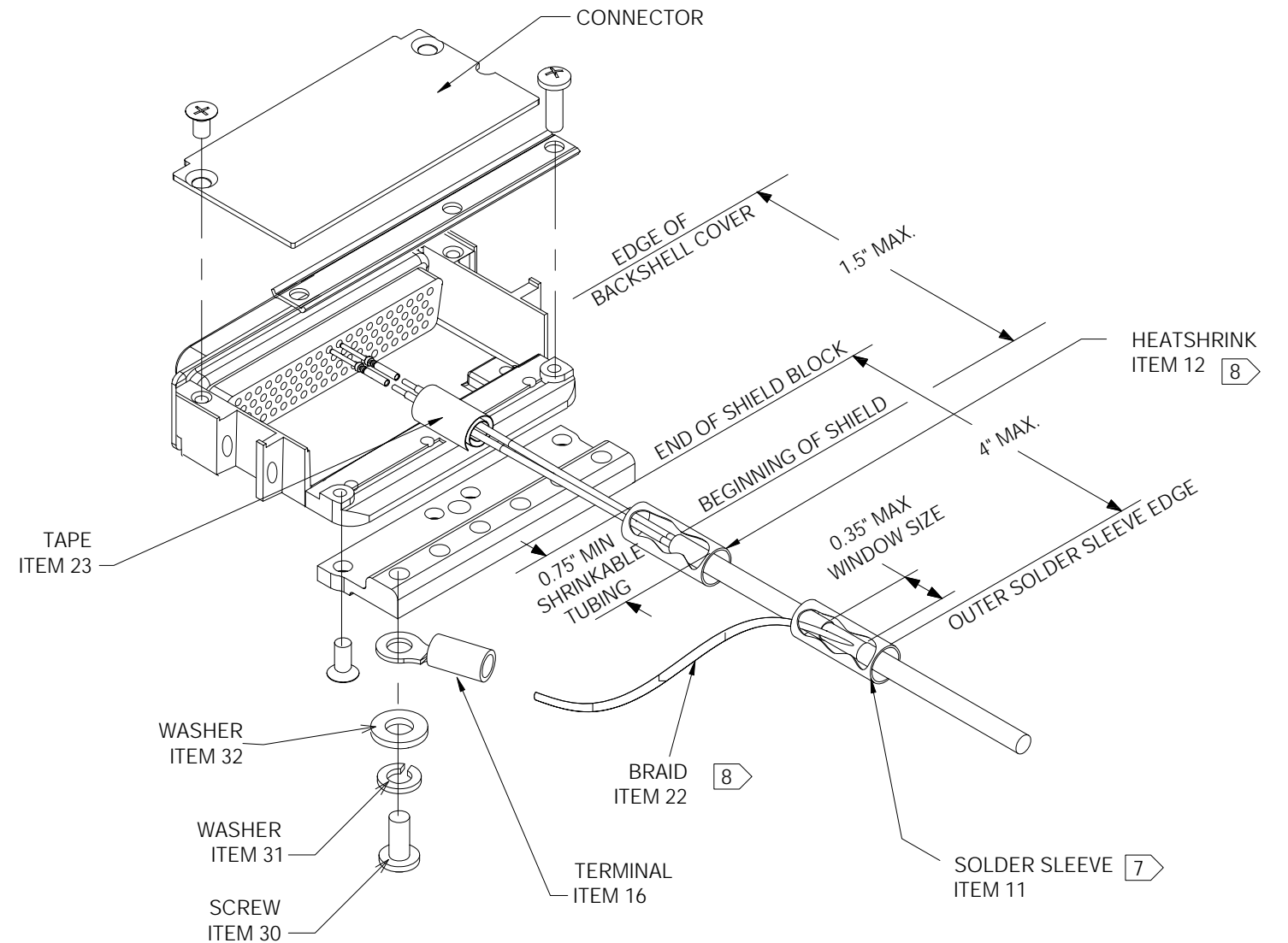


P8002 PINOUT DETAILS



P8002 & P8003 SUB-D CONNECTOR ASSEMBLY

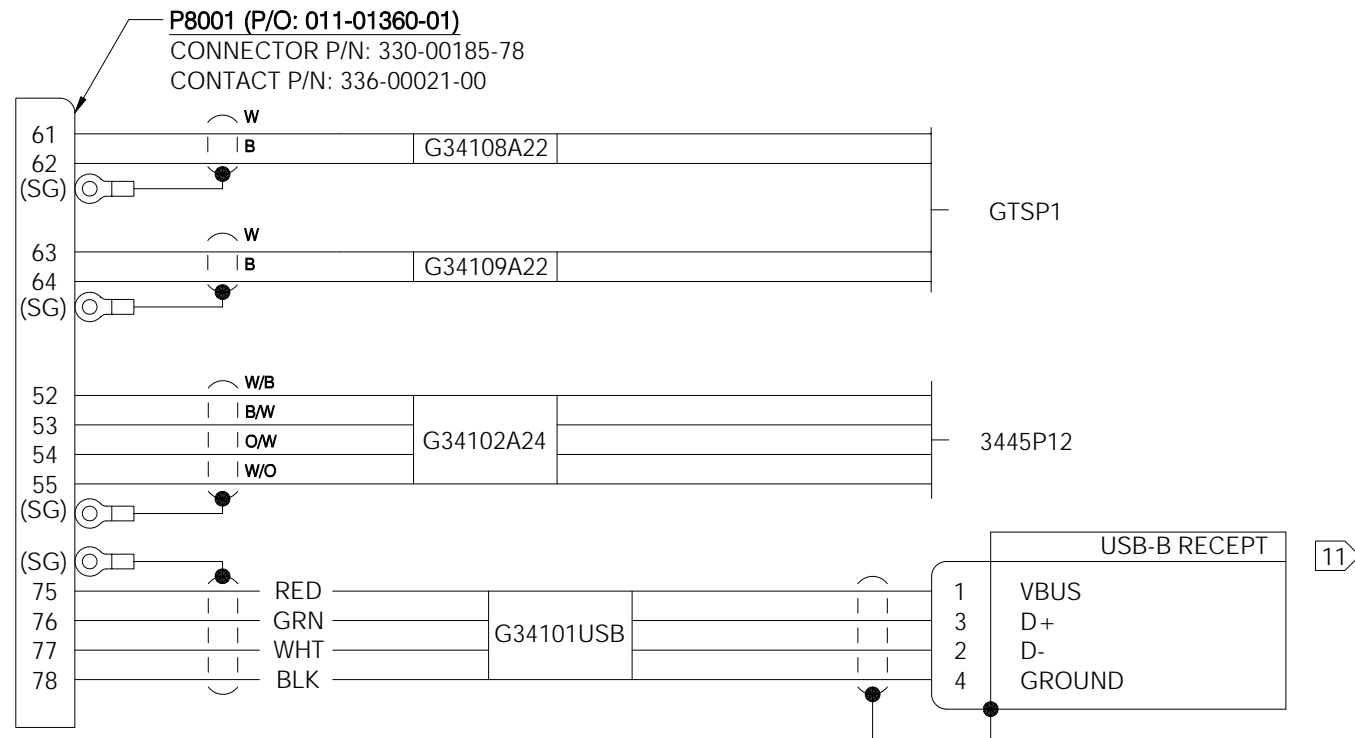
BACKSHELL AND SHIELDS ARE ASSEMBLED AS SHOWN BELOW.



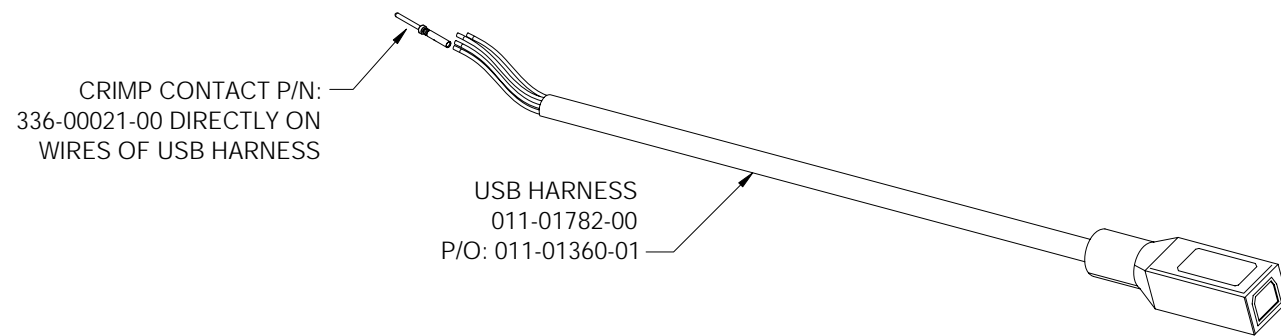
P8002 & P8003 CONNECTOR ASSEMBLIES

GARMIN. <small>Garmin Ltd. or its subsidiaries c/o Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.</small>		
SIZE B	DWG. NO. 320-00609-XX	REV. 1
SCALE NTS	SHT. 5	OF 12

P8001 PINOUT DETAILS

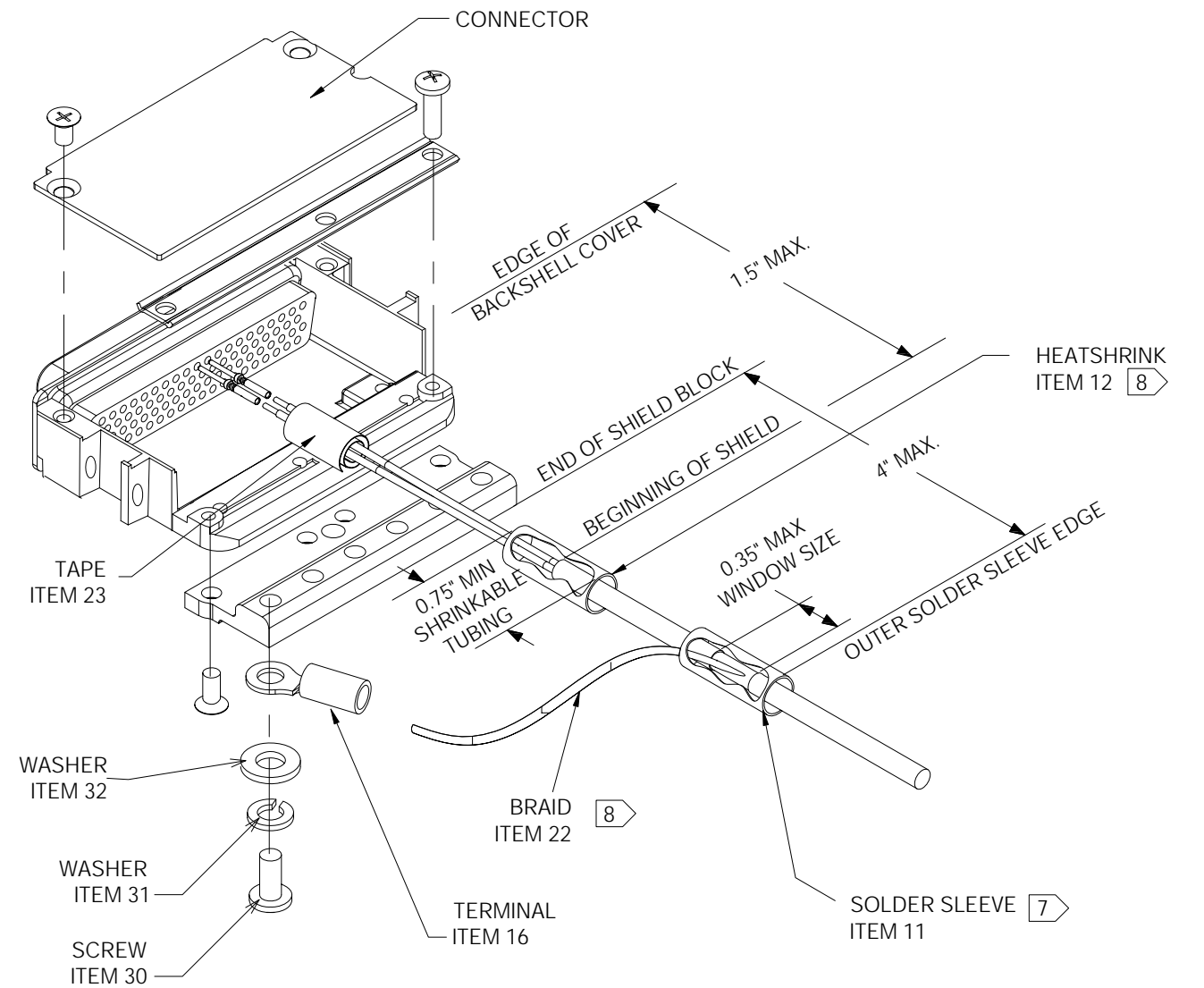


USB-B RECEPTACLE DETAIL



P8001 SUB-D CONNECTOR ASSEMBLY

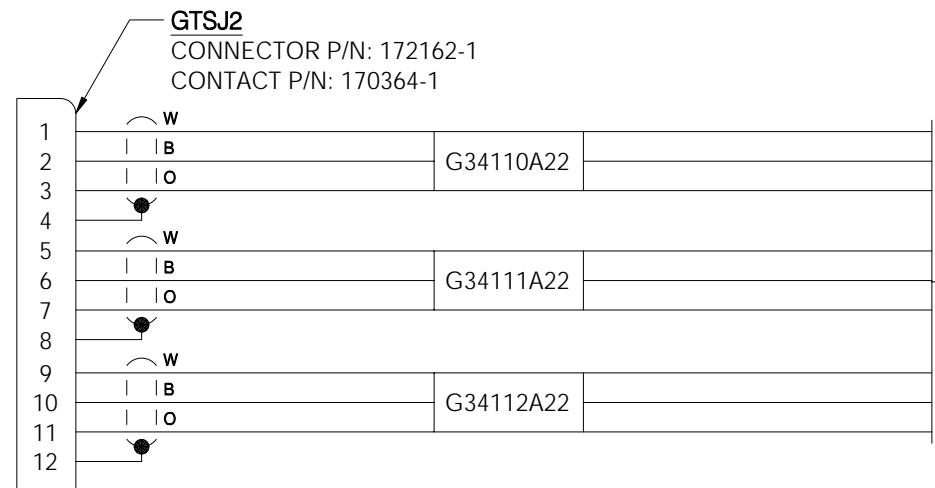
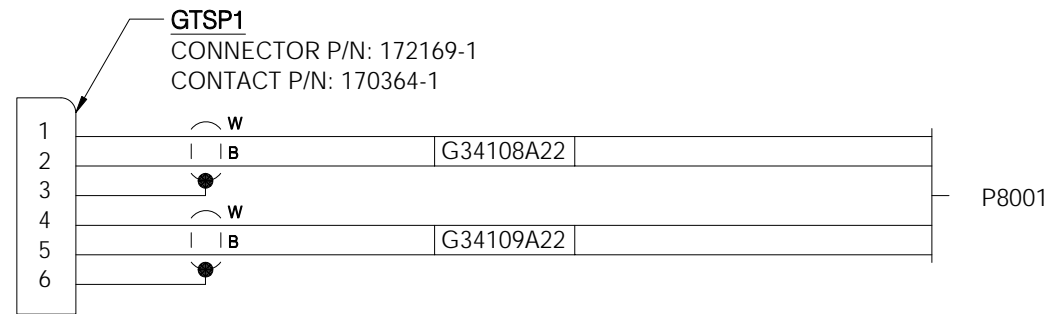
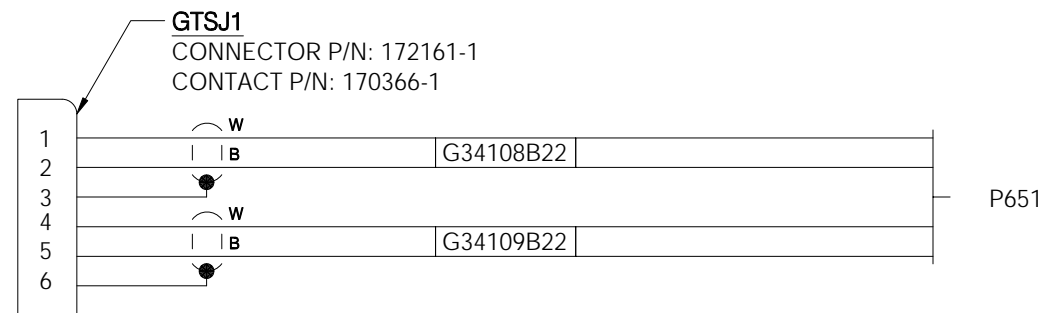
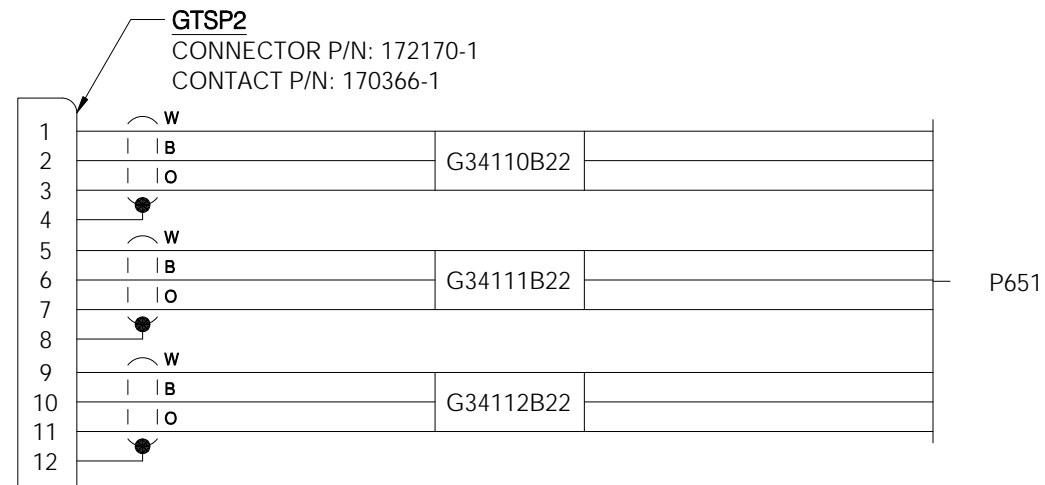
BACKSHELL AND SHIELDS ARE ASSEMBLED AS SHOWN BELOW.



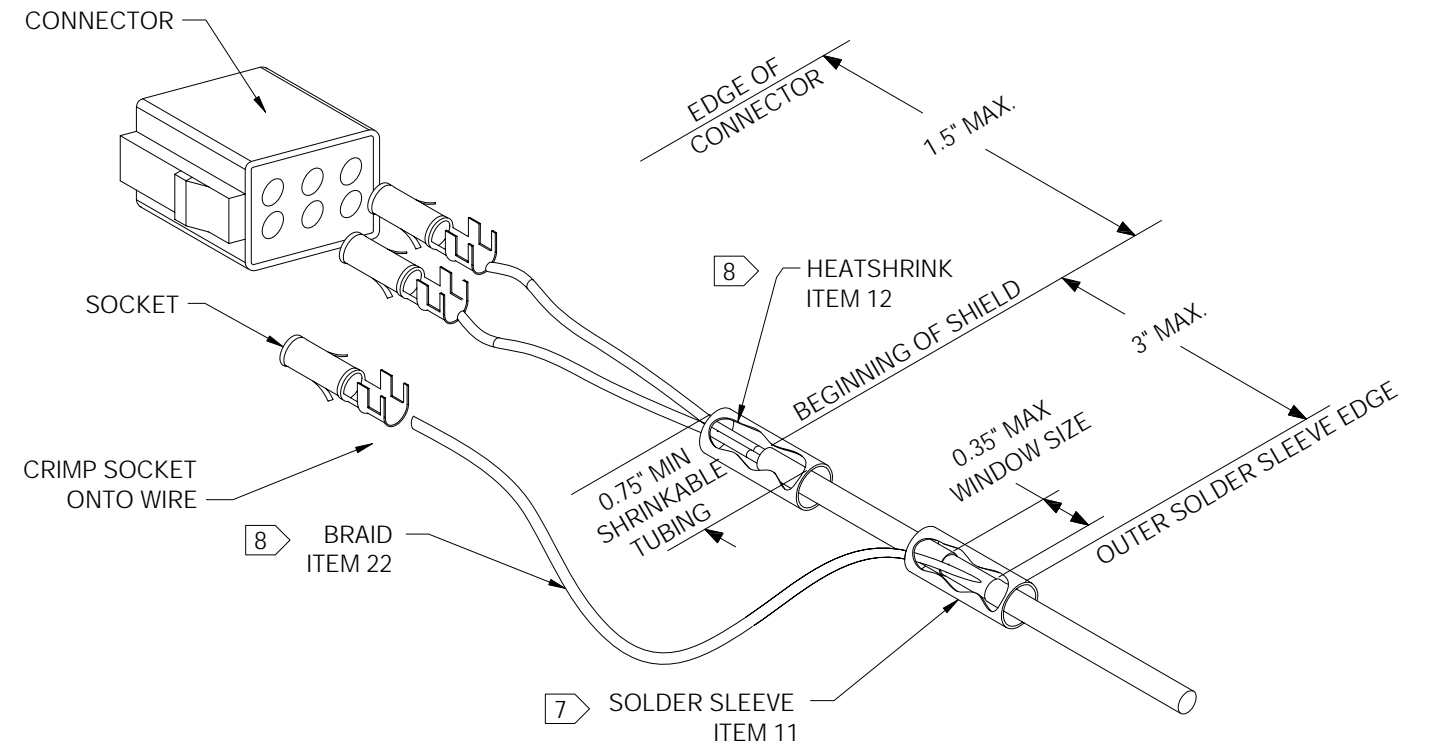
P8001 CONNECTOR ASSEMBLY

GARMIN. <small>Garmin Ltd. or its subsidiaries c/o Garmin International, Inc. 1200 E. 151st Street Olathe, Kansas 66062 U.S.A.</small>		
SIZE B	DWG. NO. 320-00609-XX	REV. 1
SCALE NTS	SHT. 6	OF 12

AMP CONNECTORS PINOUT DETAILS



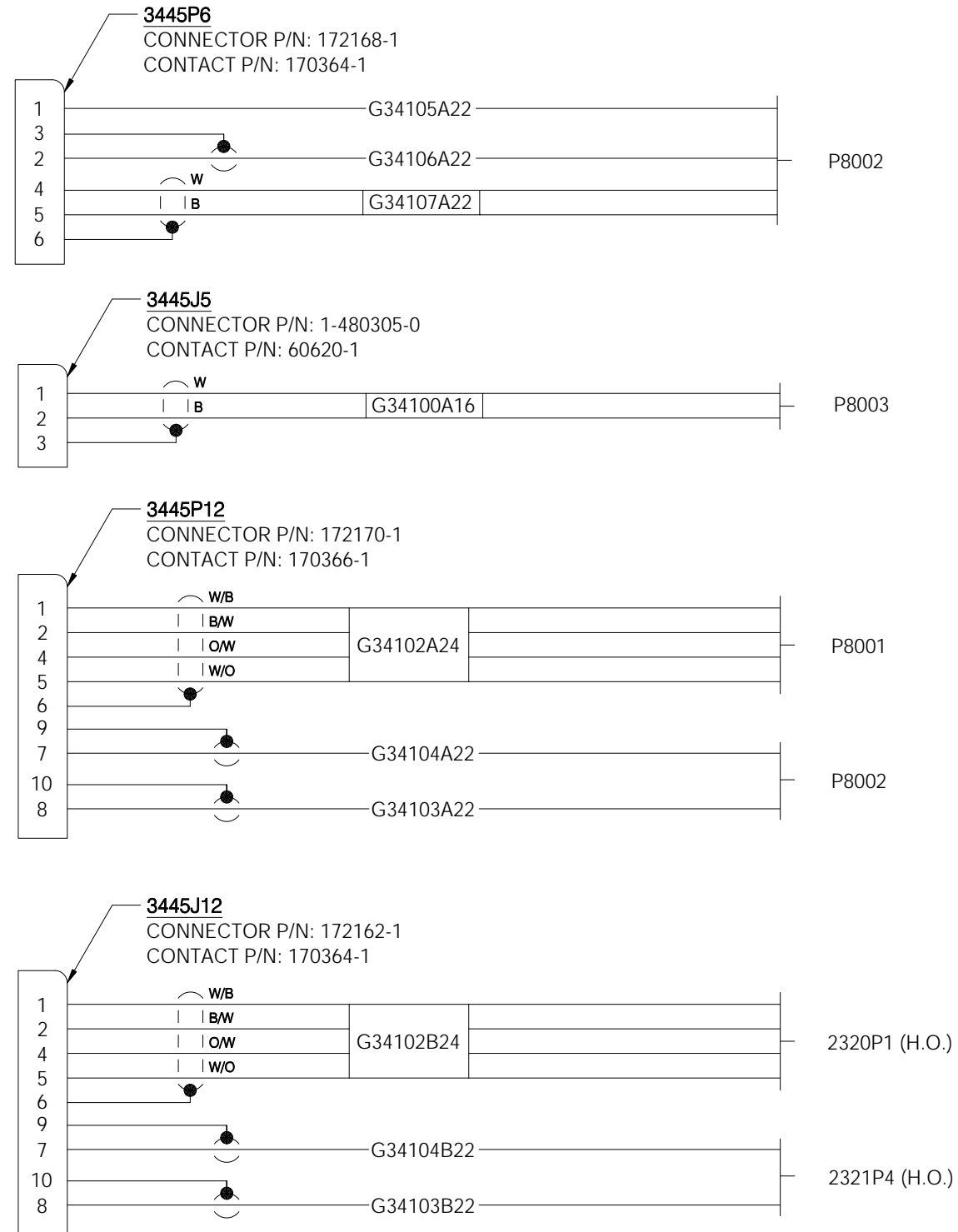
AMP CONNECTOR ASSEMBLY



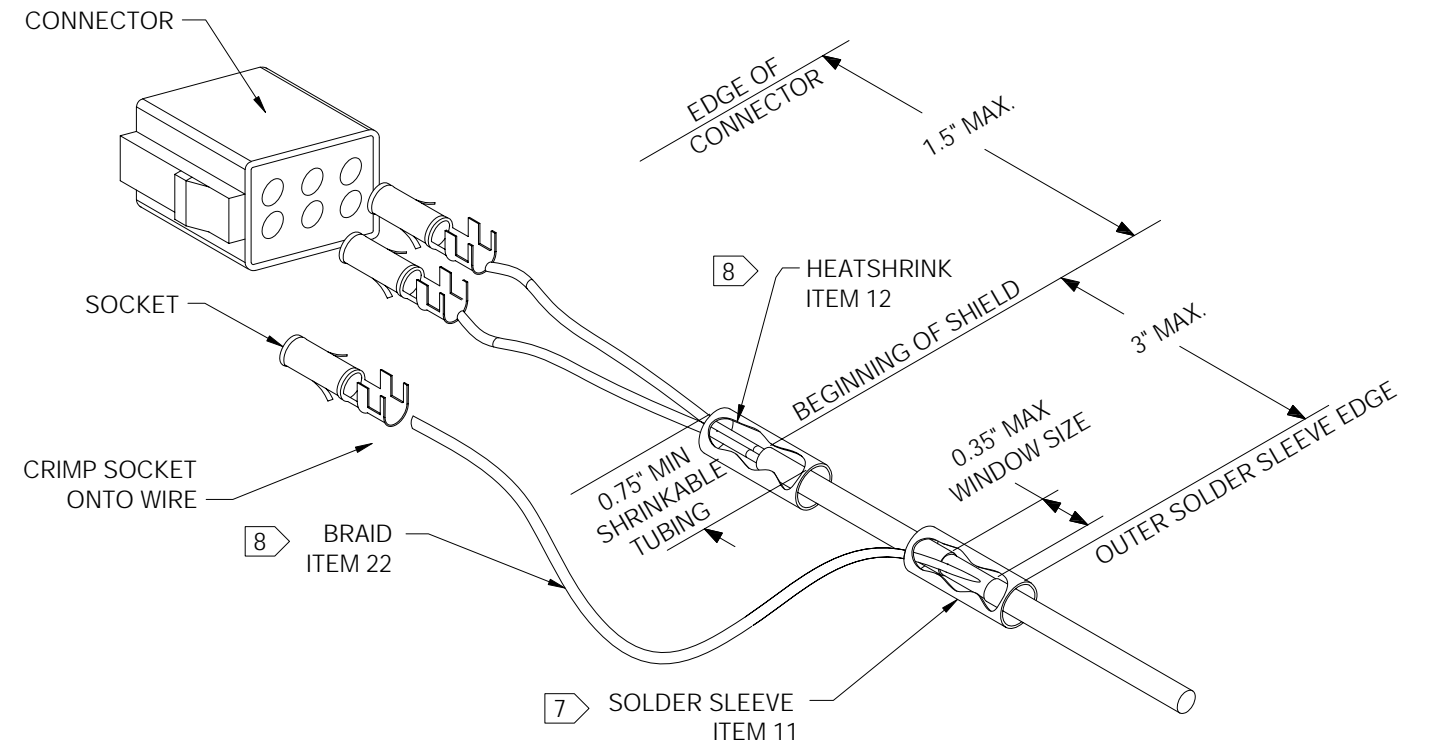
AMP CONNECTOR ASSEMBLY/PINOUTS

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SIZE B	DWG. NO. 320-00609-XX	REV. 1
SCALE NTS	SHT. 7	OF 12

AMP CONNECTORS PINOUT DETAILS



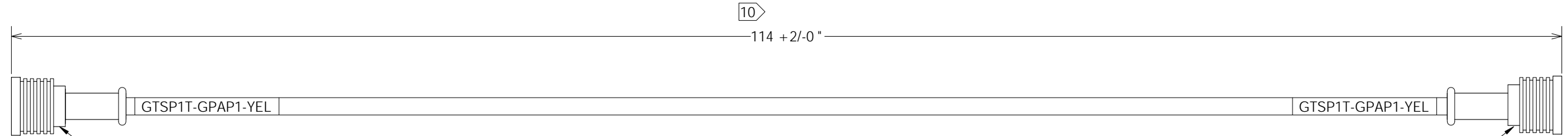
AMP CONNECTOR ASSEMBLY



NOTES

ALL COAXIAL CABLE SHOWN ON SHEET IS RG 142, ITEM 3, SHEET 3.

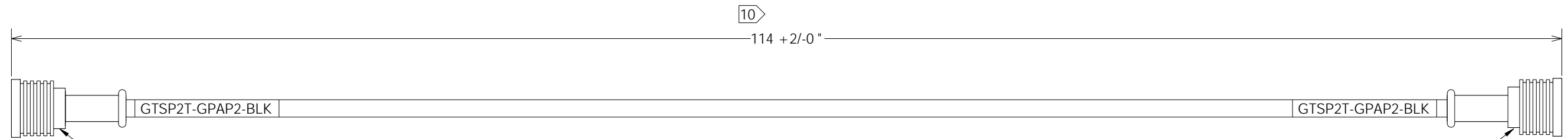
20 > 320-00609-05 GTS TO PA COAX ASSEMBLIES



P1U M/W J1U, GPA 65
P/N: 330-00500-01

320-00609-09 GTS COAX

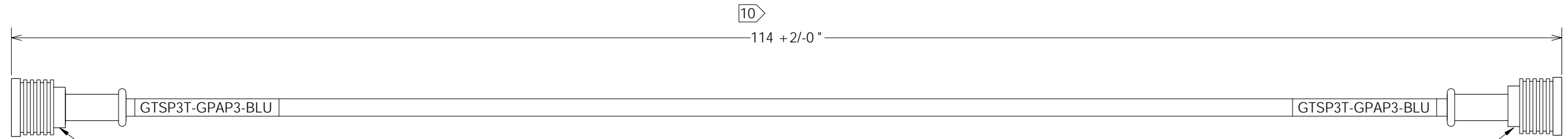
P1T M/W J1T, GTS 820
P/N: 330-00500-01



P2U M/W J2U, GPA 65
P/N: 330-00500-01

320-00609-10 GTS COAX

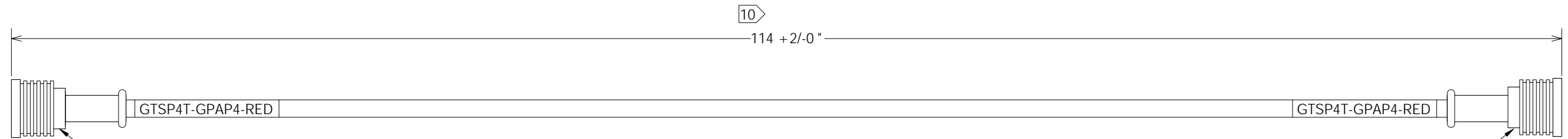
P2T M/W J2T, GTS 820
P/N: 330-00500-01



P3U M/W J3U, GPA 65
P/N: 330-00500-01

320-00609-11 GTS COAX

P3T M/W J3T, GTS 820
P/N: 330-00500-01



P4U M/W J4U, GPA 65
P/N: 330-00500-01

320-00609-12 GTS COAX

P4T M/W J4T, GTS 820
P/N: 330-00500-01

GTS TO PA COAX ASSEMBLIES

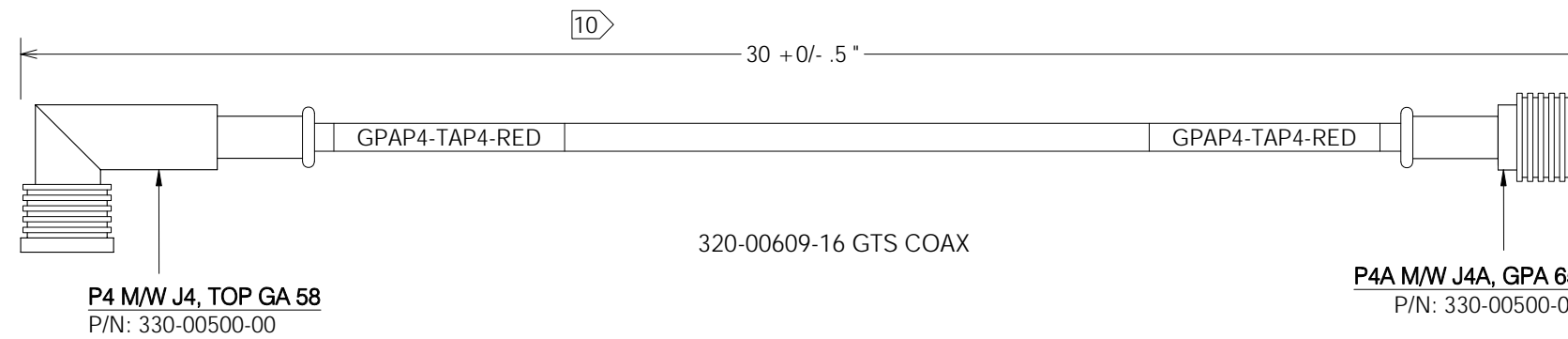
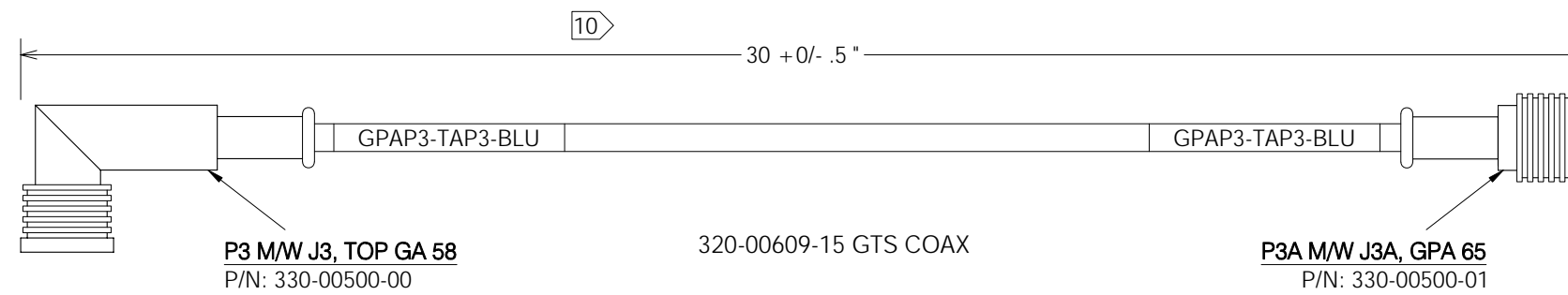
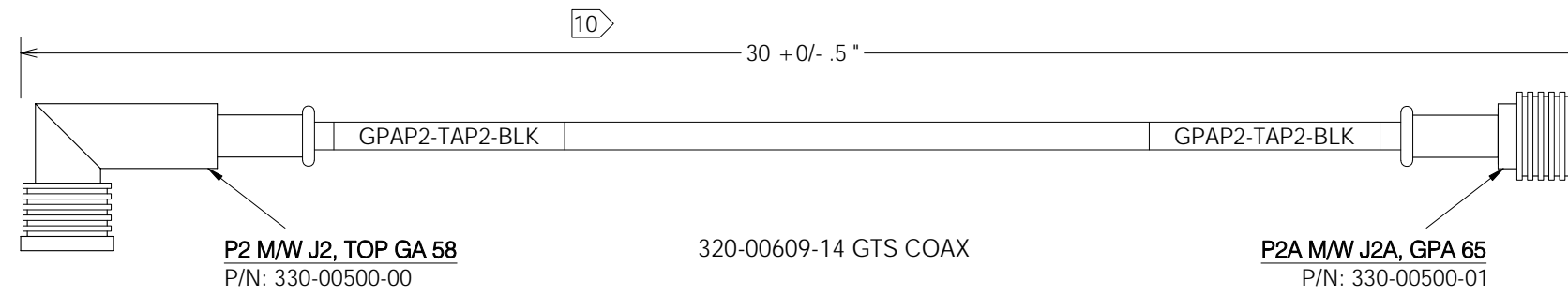
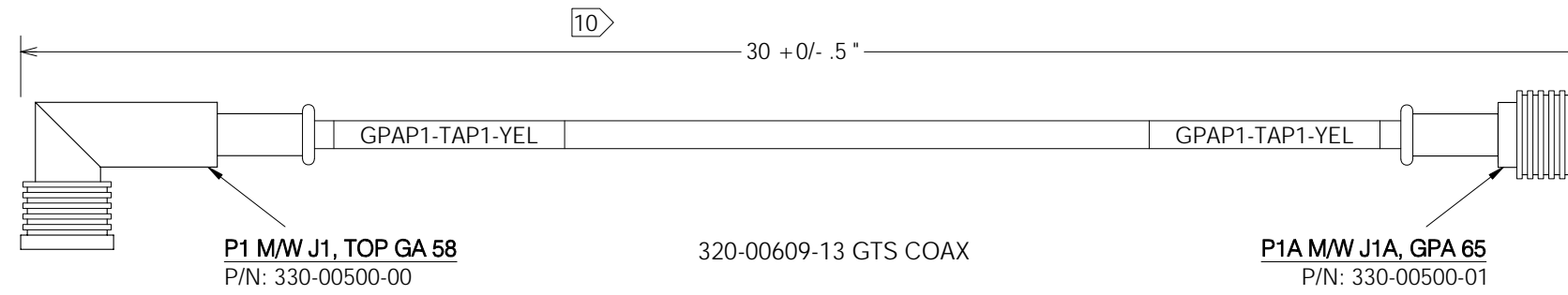
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SIZE B	DWG. NO. 320-00609-XX	REV. 1
SCALE NTS	SHT. 9	OF 12

NOTES

ALL COAXIAL CABLE SHOWN ON SHEET IS RG 142, ITEM 3, SHEET 3.

20 320-00609-06 PA TO TOP ANTENNA COAX ASSEMBLIES



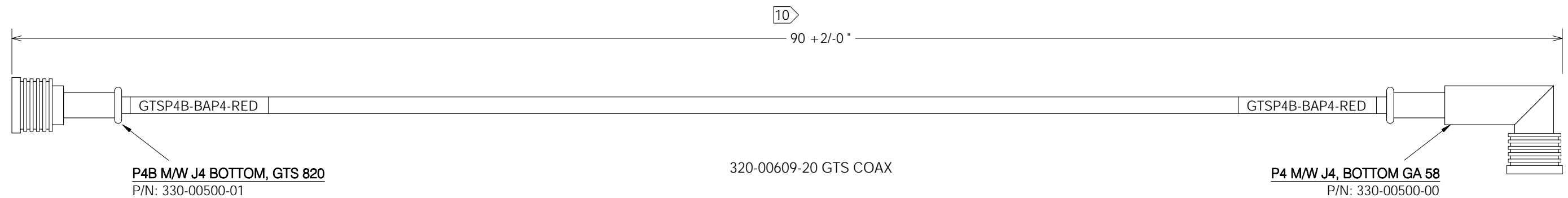
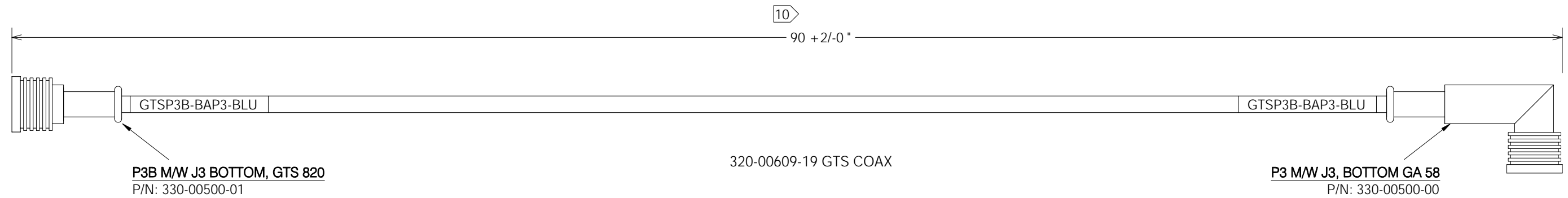
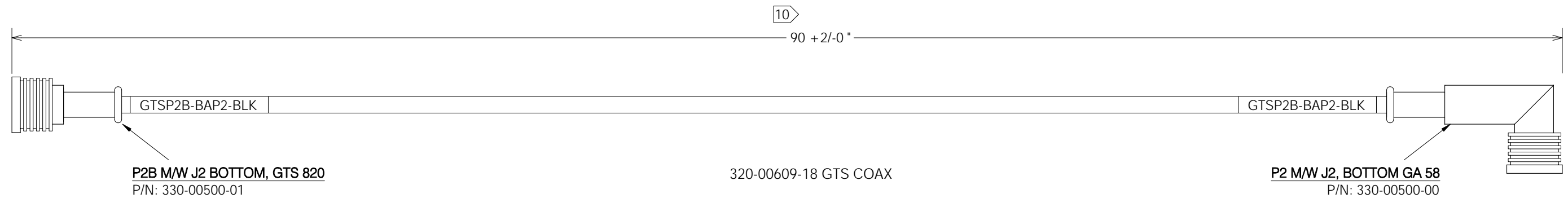
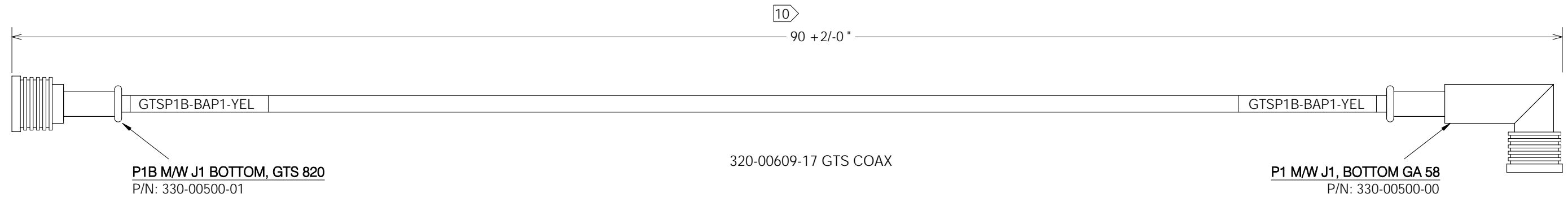
PA TO TOP ANTENNA COOAX ASSEMBLIES

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SIZE B	DWG. NO. 320-00609-XX	REV. 1
SCALE NTS		SHT. 10 OF 12

NOTES

ALL COAXIAL CABLE SHOWN ON SHEET IS RG 142, ITEM 3, SHEET 3.

20 320-00609-07 GTS TO BOTTOM ANTENNA COAX ASSEMBLIES

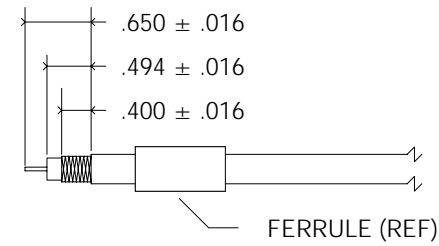


GTS TO BOTTOM ANTENNA COAX ASSEMBLIES

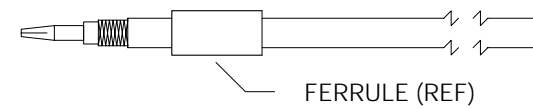
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SIZE B	DWG. NO. 320-00609-XX	REV 1			
SCALE NTS			SHT. 11	OF 12	

COAXIAL CABLE PREPARATION

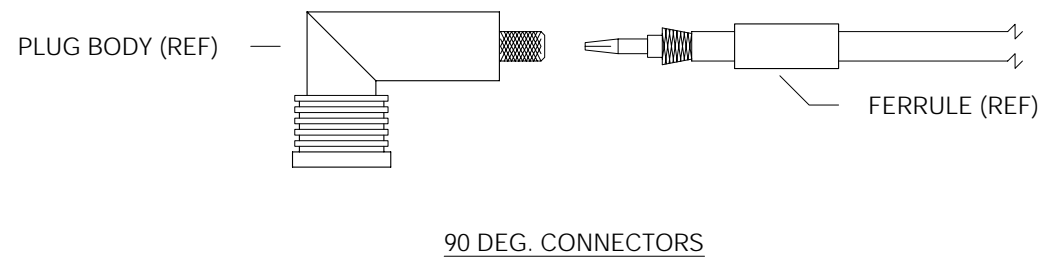
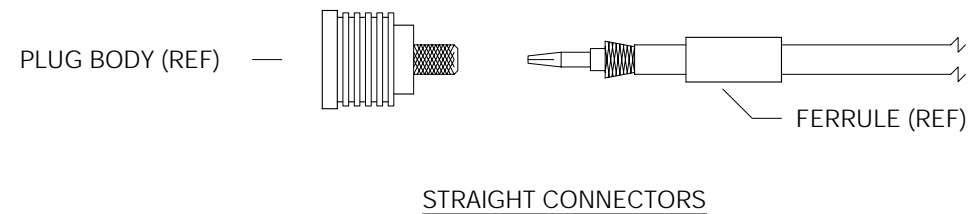
1. SLIDE COAX CABLE LABEL (ID) ON THE CABLE.
2. SLIDE PLUG FERRULE ONTO THE CABLE SO THE FLANGE WILL BE FACING AWAY FROM THE CONNECTOR.
3. DRESS THE END OF THE CABLE BY STRIPPING BACK THE INSULATION AND TRIMMING THE COAX BRAID AS SHOWN BELOW. CARE SHOULD BE TAKEN NOT TO NICK ANY STRANDS.



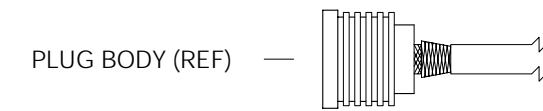
4. CRIMP CONTACT ON THE CENTER CONDUCTOR, ENSURING THE CENTER CONTACT BUTTS UP AGAINST THE CENTER DIELECTRIC.



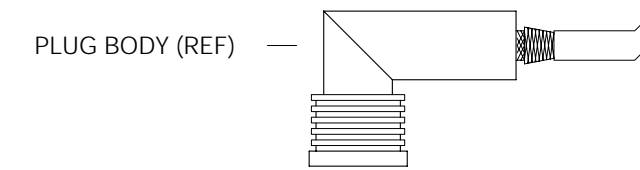
5. FLARE OUT THE SHIELD BRAID TO ACCEPT THE PLUG BODY.



6. SLIDE PLUG BODY ONTO COAX END UNTIL IT BOTTOMS OUT, MAKING SURE THE KNURLED END OF THE PLUG IS POSITIONED BETWEEN THE CENTER CONDUCTOR DIELECTRIC AND THE BRAID.

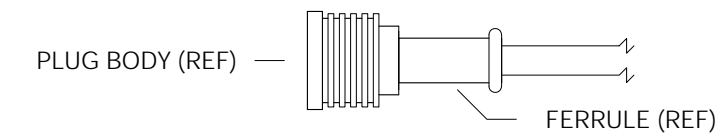


STRAIGHT CONNECTORS

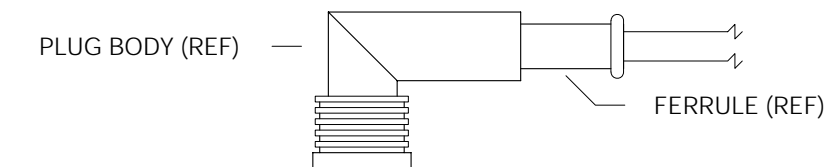


90 DEG. CONNECTORS

7. SLIDE FERRULE TOWARDS PLUG UNTIL IT CONTACTS THE PLUG. CRIMP FERRULE (OVER THE BRAID) ONTO PLUG BODY.



STRAIGHT CONNECTORS



90 DEG. CONNECTORS

COAXIAL CABLE PREPARATION INSTRUCTIONS

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SIZE B	DWG. NO. 320-00609-XX	REV. 1
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