



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des soumissions  
- TPSGC**  
11 Laurier St. / 11, rue Laurier  
Place du Portage, Phase III  
Core 0B2 / Noyau 0B2  
Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur


**Issuing Office - Bureau de distribution**  
Electrical & Electronics Products Division  
11 Laurier St./11, rue Laurier  
7B3, Place du Portage, Phase III  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> CABLE ASSEMBLY, RADIO FREQUENCY		
<b>Solicitation No. - N° de l'invitation</b> W8486-151995/A		<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b> W8486-151995		<b>Date</b> 2015-11-26
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-313-68237		
<b>File No. - N° de dossier</b> hn313.W8486-151995	<b>CCC No./N° CCC - FMS No./N° VME</b>	
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2016-01-07</b>		<b>Time Zone</b> Fuseau horaire Eastern Standard Time EST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>		
<b>Address Enquiries to: - Adresser toutes questions à:</b> Kelly, Ruth		<b>Buyer Id - Id de l'acheteur</b> hn313
<b>Telephone No. - N° de téléphone</b> (819) 420-0343 ( )		<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>		

**Instructions: See Herein**

**Instructions: Voir aux présentes**

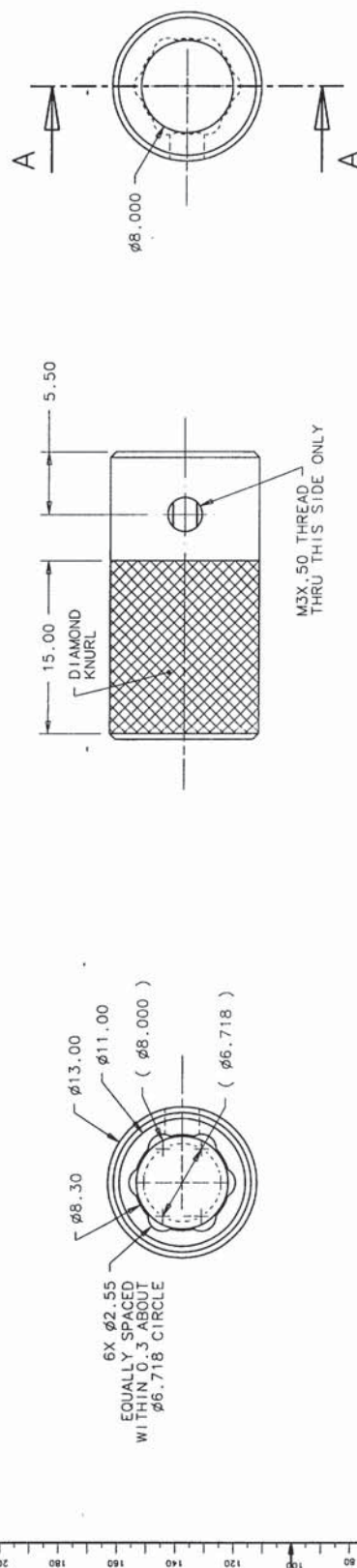
<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

<div><div></div><div>National Defence</div></div>				COMPILED		CHECKED	REV	AUTH	CK'D	DATE	PARTS LIST NUMBER
PARTS LIST				INSP APPROVAL		CF APPROVAL	A	ECO02642		1999/03/31	PL-9375965-41
						A	TDAN	-	-	APPLICATION	
DESIGN AGENT						CD NO.	PART NUMBER		SHEET 1 OF 1		
							9375965-41				
PARTS LIST TITLE											
CABLE ASSY, HIDS-103/LS, 3940 + 50/-0 MM											
CABLE ASSY, HIDS-103/LS, 3940 + 50/-0 MM											
QTY RQ'D	UOM	NI	FF NW	ITEM OR FIND #	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION			CODE IDENT	REFERENCE DESIGNATION	REF. #
1	EA			1	D38999/26WC35SN	CONNECTOR PLUG			81349	P2	D38999/26WC35SN
1	EA			2	D38999/26WC35PD	CONNECTOR ELEC PLUG			81349	P1	D38999/26WC35PD
1	EA			3	D38999/24WC35SD	CONN JMNT RCPT SHL13 35INSR W/22 #22D SKT D-KY			81349	J1	D38999/24WC35SD
1	EA			4	202S142-25-UP	BOOT 31/18MM, STRAIGHT, HEATSHRINK			06090		706952-001
1	EA			5	222S142-25-UP	BOOT 31/18MM, RTANG HEATSHRINK			06090		706948-001
1	EA			6	S4694A34-2	BKSHL CIRC STR 13 ENT.500IN 3.5IN LG CAD PL OD ELNKL			07418		710970-001
5080	MM			7	EPD52955B	CA, COND, SPE LAN, DBL O/A SHLD			06090		706780-001
1	EA			8	3CTI-254700-10.0	ADAPTER, LAN CABLE T-FITTING			3AH16		706922-001
28	EA			9	MS27488-22	PLUG, END SEAL, ELEC CONN (22)			96906		MS27488-22
5	EA			10	TMS-SCE-1-2.00-9	MKR SLV HTSHRK 1 TO 1/3X2.0IN WHT 1ROW			06090		914210-008
264	MM			11	THV-150, 19.1, CLR	INSUL SLVG. ELEC 19.1 CLR			U6293		707622-003
3	EA			12	SO63-2-55-22-0	SHLD TERMIN W BLK LEAD 0.105/0.140			06090		707554-001
2	EA			13	SO63-2-55-22-2	SHLD TERMIN W RED LEAD 0.105/0.140			06090		707132-002
3	EA			14	SO63-2-55-22-9	SHLD TERMIN W WHT LEAD 0.105/0.140			06090		707132-003
2	EA			15	SO63-2-55-22-5	SHLD TERMIN W GRN LEAD 0.105/0.140			06090		707132-004
66	MM			16	THV-150,25.4,CLR	INSUL SLVG. ELEC 25.4 CLR			U6293		707622-002
560	MM			17	M22759/32-22-0	WIRE, ELECTRIC, NO 22 AWG, BLACK, FLUOROPOLYMER-INSULATED			81349		M22759/32-22-0
560	MM			18	M22759/32-22-2	WIRE, ELEC, ETFE, 600V, RED			81349		M22759/32-22-2
560	MM			19	M22759/32-22-5	WIRE, ELEC, ETFE, 600V			81349		M22759/32-22-5
560	MM			20	M22759/32-22-9	WIRE, ELECTRIC, NO 22 AWG, WHITE, FLUOROPOLYMER-INSULATED			81349		M22759/32-22-9
1	ML			21	V9500	ADHESIVE STRUCTURAL EPOXY			0R175		707078-001

ITEM NO	QTY/PC	IDENTIFYING D-IDENTIFICATION	NOMENCLATURE-DESCRIPTION	SPECIFICATION	CODE IDENT CODE D-IDENT
-0	-1				
SEE NOTE 3					

NOTES:

1. INTERPRET DRAWING PER D-01-400-001/5G-000.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
3. MATERIAL: STAINLESS STEEL, TYPE 303.
4. FINISH: BLACK OXIDE CONVERSION PER MIL-C-13924 CLASS 4.
5. MARK SHIPPING BAG WITH PART NUMBER AS FOLLOWS:  
"XXXXX-9383343-1" "XXXXX" IS GAGE (NSCM) OF MANUFACTURER  
AS DIRECTED BY PURCHASING AUTHORITY.



MASTER CENTRAL REGISTRY

CDC CM  
RELEASED

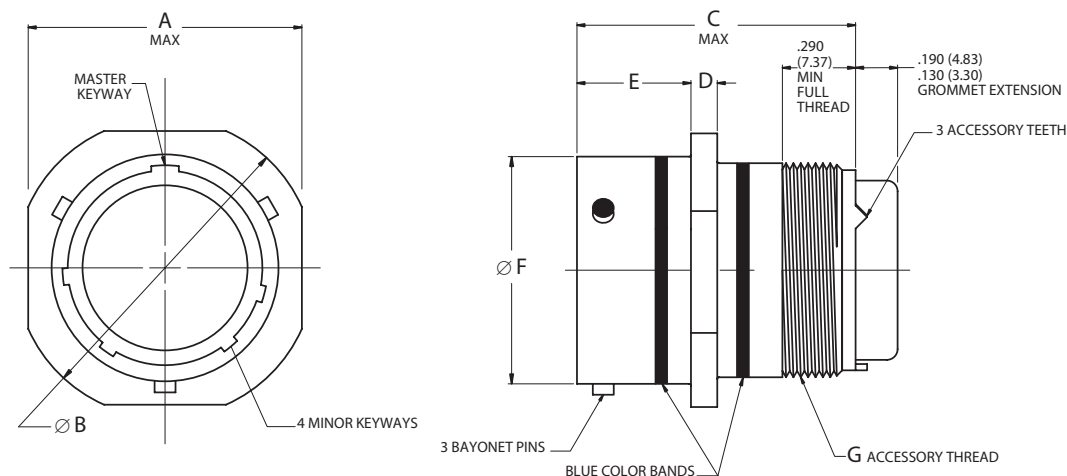
CONTROLLED INTRANET COPY

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Bayonet Coupling, Crimp Removable, Rear Release



Page 71	Completed Part Number
Page 80	Contacts, Sealing Plugs and Tools
Pages 84, 85	Insert Arrangements
Page 70	Performance Specifications
Pages 82, 83	Insert Availability and Contact Information
Page 82	Polarization

**Note:** Maximum grommet O.D. is same as Ø C MAX on page 74.

MIL-DTL-26482 S 2

Shell Size	A		Ø B		C		D		E		Ø F		G
	Maximum		±.020	±.51	Maximum		±.016	±.41	+016 -.015	+41 -38	±.003	±.08	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
8	.828	21.03	.938	23.83	1.215	30.86	.062	1.57	.446	11.33	.471	11.96	1/2-20UNF
10	.954	24.23	1.062	26.97	1.215	30.86	.062	1.57	.446	11.33	.588	14.94	5/8-24UNEF
12	1.047	26.59	1.156	29.36	1.215	30.86	.062	1.57	.446	11.33	.748	19.00	3/4-20UNEF
14	1.141	28.98	1.250	31.75	1.215	30.86	.062	1.57	.446	11.33	.873	22.17	7/8-20UNEF
16	1.234	31.34	1.344	34.14	1.215	30.86	.062	1.57	.446	11.33	.998	25.35	1-20UNEF
18	1.328	33.73	1.438	36.53	1.215	30.86	.062	1.57	.446	11.33	1.123	28.52	1-1/16-18UNEF
20	1.453	36.91	1.562	39.67	1.275	32.39	.094	2.39	.571	14.50	1.248	31.70	1-3/16-18UNEF
22	1.578	40.08	1.688	42.88	1.275	32.39	.094	2.39	.571	14.50	1.373	34.87	1-5/16-18UNEF
24	1.703	43.26	1.812	46.02	1.275	32.39	.094	2.39	.604	15.34	1.498	38.05	1-7/16-18UNEF

## MIL-DTL-26482 Series 2

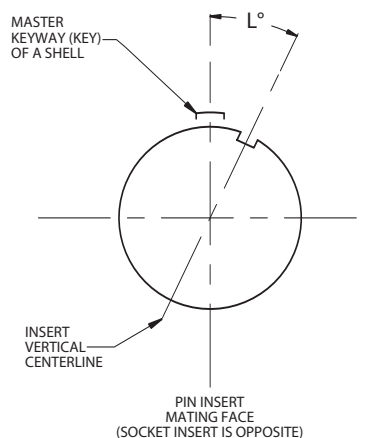
### Polarization, Insert Availability & Contact Information per MIL-STD-1669



#### Polarization (Insert Clocking)

1. In the normal insert clocking position (position N), the insert centerline coincides with the centerline of the master keyway (key) of the shell:  $L = 0^\circ$ .
2. In the alternate clocking positions (W, X, Y and Z), the pin insert (viewing from mating side) is rotated clockwise relative to the centerline of the master keyway (key) of the shell.
3. The socket insert is rotated counter-clockwise.
4. Plugs have keys; receptacles have keyways.

**Note:** Be careful with alternate positions. See table below for position availability on layouts of interest.



#### Insert Availability, Contact Information and Clocking Positions

Insert Arrangement	Aero-Electric		Total	Contact Quantity			Service	Insert Positions				
	Status		No. of	By Size			Rating	In Degrees				
	QPL'd	Tooled	Contacts	20	16	12		N	W	X	Y	Z
8-2*	No	Yes	2	2			I	0	58	122	—	—
8-3*	No	Yes	3	3			I	0	60	210	—	—
8-4*	No	Yes	4	4			I	0	45	—	—	—
8-33	Yes	Yes	3	3			I	0	90	—	—	—
8-98	Yes	Yes	3	3			I	0	—	—	—	—
10-6	Yes	Yes	6	6			I	0	90	—	—	—
10-7**	N/A	Yes	7	7			I	0	90	—	—	—
12-3	Yes	Yes	3		3		II	0	—	—	180	—
12-8	Yes	Yes	8	8			I	0	90	112	203	292
12-10	Yes	Yes	10	10			I	0	60	155	270	295
14-2**	N/A	Yes	2			2	I	0	—	—	—	—
14-4	Yes	Yes	4			4	I	0	45	—	—	—
14-5	Yes	Yes	5		5		II	0	40	92	184	273
14-9	Yes	Yes	9	5		4	I	0	15	90	180	240
14-12	Yes	Yes	12	8	4		I	0	43	90	—	—
14-15	Yes	Yes	15	14	1		I	0	17	110	155	234
14-18	Yes	Yes	18	18			I	0	15	90	180	270
14-19	Yes	Yes	19	19			I	0	30	165	315	—

\* Not qualified to MIL-DTL-26482 Series 2. These layouts were designed to mate with solder Series 1 connectors using proprietary Aero-Electric contacts (not QPL'd to M39029) and to avoid confusion are sold only "with contacts".

\*\* Non MIL-STD-1669 layouts, available to Aero-Electric part numbers only and utilize standard M39029 contacts. These layouts were originally designed for use in AC3475 Arctic Coupling RFI plugs and AC3474 jam nut receptacles.



# MIL-DTL-26482 Series 2

## Polarization, Insert Availability & Contact Information

### per MIL-STD-1669

#### Insert Availability, Contact Information and Clocking Positions

Insert Arrangement	Aero-Electric		Total	Contact Quantity			Service	Insert Positions				
	Status		No. of	By Size			Rating	In Degrees				
	QPL'd	Tooled	Contacts	20	16	12		N	W	X	Y	Z
16-8	Yes	Yes	8		8		II	0	54	152	180	331
16-14	Yes	Yes	14	8		6	I	0	25	78	180	240
16-23	Yes	Yes	23	22	1		I	0	158	270	—	—
16-26	Yes	Yes	26	26			I	0	60	—	275	338
18-8	Yes	Yes	8			8	I	0	180	—	—	—
18-11	Yes	Yes	11		11		II	0	62	119	241	340
18-30	Yes	Yes	30	29	1		I	0	180	193	285	350
18-32	Yes	Yes	32	32			I	0	85	138	222	265
20-16	Yes	Yes	16		16		II	0	238	318	333	347
20-24	Yes	Yes	24	24			I	0	70	145	215	290
20-39	Yes	Yes	39	37	2		I	0	63	144	252	333
20-41	Yes	Yes	41	41			I	0	45	126	225	—
22-12	Yes	Yes	12			12	I	0	—	—	—	—
22-21	Yes	Yes	21		21		II	0	16	135	175	349
22-41	Yes	Yes	41	27	14		I	0	39	135	264	—
22-55	Yes	Yes	55	55			I	0	30	142	226	314
22-95	Yes	Yes	32	26		6	I	0	26	180	266	—
24-19	Yes	No	19			19	II	0	30	165	315	—
24-31	Yes	Yes	31		31		I	0	90	225	255	—
24-61	Yes	Yes	61	61			I	0	90	180	270	324

MIL-DTL-26482 S 2

# MIL-STD-1669

## Insert Arrangements (Pin Front View) for MIL-DTL-26482 Series 2 Connectors



### Insert Arrangements Views



8-2\*  
2 # 20, I



8-3\*  
3 # 20, I



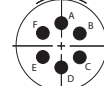
8-4\*  
4 # 20, I



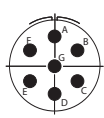
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3 # 20, I



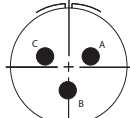
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3 # 20, I



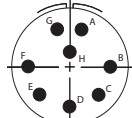
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6 # 20, I



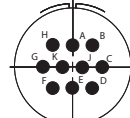
10-7\*\*  
7 # 20, I



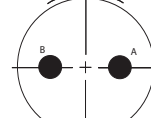
12-3  
3 # 16, II



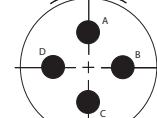
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8 # 20, I



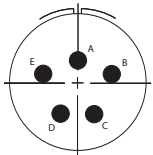
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10 # 20, I



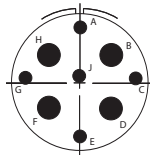
14-2\*\*  
2 # 12, I



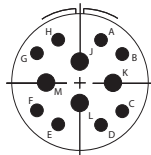
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4 # 12, I



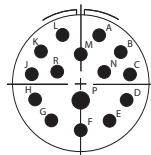
14-5  
5 # 16, II



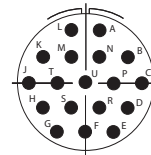
14-9  
5 # 20, 4 # 12, I



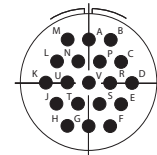
14-12  
4 # 16, 8 # 20, I



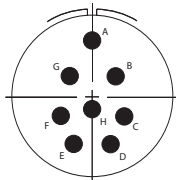
14-15  
1 # 16, 14 # 20, I



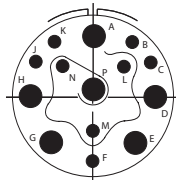
14-18  
18 # 20, I



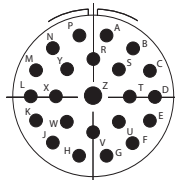
14-19  
19 # 20, I



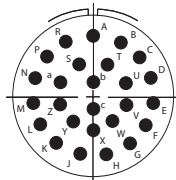
16-8  
8 # 16, II



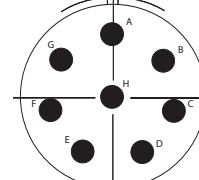
16-14  
8 # 20, 6 # 12, I



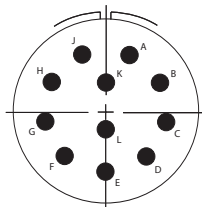
16-23  
1 # 16, 22 # 20, I



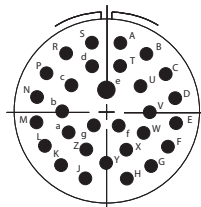
16-26  
26 # 20, I



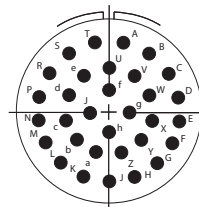
18-8  
8 # 12, I



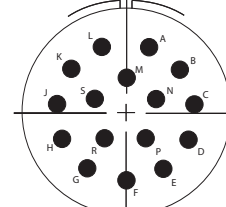
18-11  
11 # 16, II



18-30  
1 # 16, 29 # 20, I



18-32  
32 # 20, I



20-16  
16 # 16, II

\* Not on QPL, available to Aero-Electric part number only.

\*\* Non MIL-STD-1669 layout, available in AC3470 through AC3475 shell styles only.