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14 September 2004

MEMORANDUM FOR MILITARY AND INDUSTRY DISTRIBUTION

SUBJECT: Proposed New Specification Sheet MIL-PRF-83526/17.

The attached subject document is proposed to establish a specification sheet (MIL-PRF-83526/17), to address the next generation hermaphroditic four fiber optic jam nut mount connector receptacle.

If this document is of interest to you, please type comments on Form 155, Compilation of Comments or reply by e-mail message. Comments originating from military departments must be identified as either "Essential" or "Suggested". Essential comments should be supported by data.

Copies of this draft specification and the blank Form 155 are available at the following web sites:

<http://www.dsccl.dla.mil/Programs/MilSpec/>

<http://www.dsccl.dla.mil/Programs/MilSpec/initialdrafts.asp>

Military review activities should forward comments to their custodians or this office, as applicable, in sufficient time to allow for consolidating the department reply.

Comments should be returned to this Center no later than COB 1 November 2004.

Indicate below your interest and FAX or e-mail, along with FORM 155, to DSCC-VAT, DSN 850-6939 or commercial 614-692-6939, or e-mail comments to <mailto:eugene.ebert@dlal.mil>.

_____ CONCUR _____ NO INTEREST _____ WILL REPLY BY DEADLINE
 COMPANY NAME _____ POINT OF CONTACT _____
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/S/

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Note: This draft, dated 14 September 2004 prepared by DLA-CC, has not been approved and is subject to modification, DO NOT USE PRIOR TO APPROVAL. (Project 6060-0156)

INCH-POUND

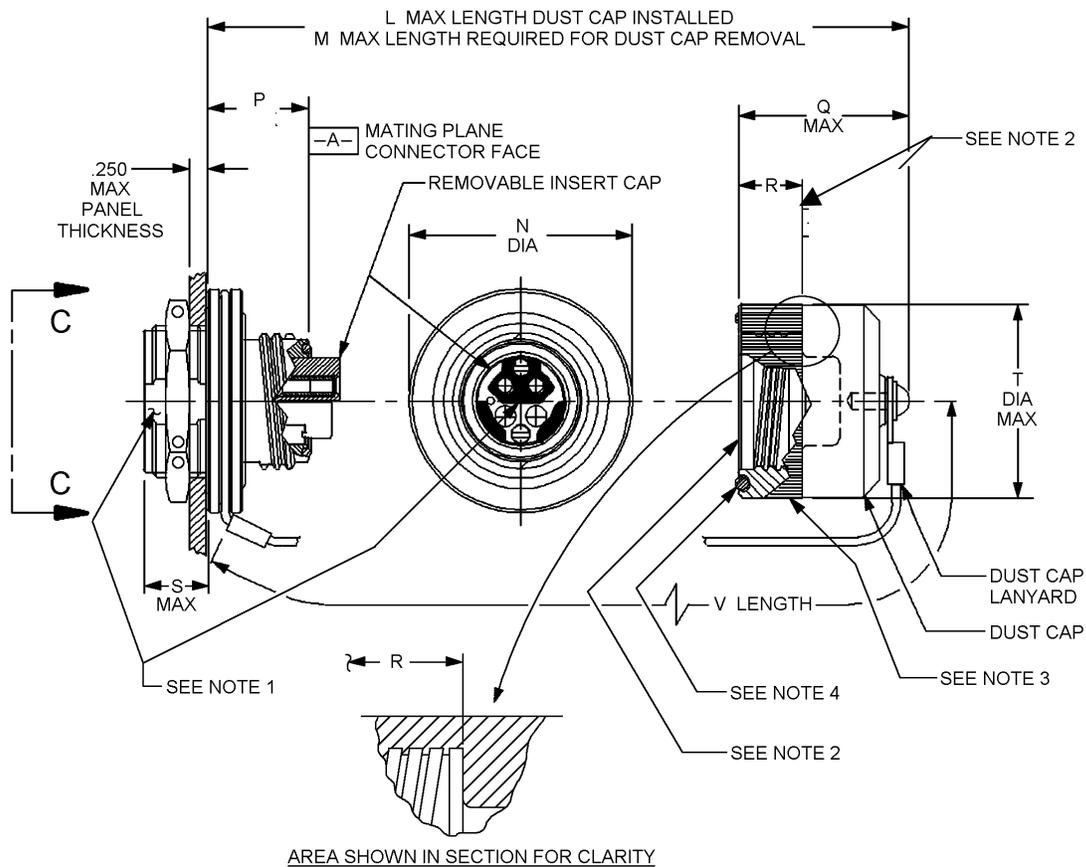
MIL-PRF-83526/17
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PERFORMANCE SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, FIBER OPTIC, CIRCULAR HERMAPHRODITIC, JAM-NUT MOUNTING, WITHOUT STRAIN RELIEF, 4 POSITIONS

This specification is approved for use by the Department of the Army and is available for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-PRF-83526.



NOTES:

1. Note orientation of flat on "D" thread to insert cap key.
2. Seal to mating plane connector face.
3. Knurl/grip surface.
4. O-ring in this area optional (secondary seal).

FIGURE 1. Jam-nut receptacle connector with dust cap.

MIL-PRF-83526/17
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TABLE I. Jam-nut receptacle connector with dust cap dimensions. 1/ 2/

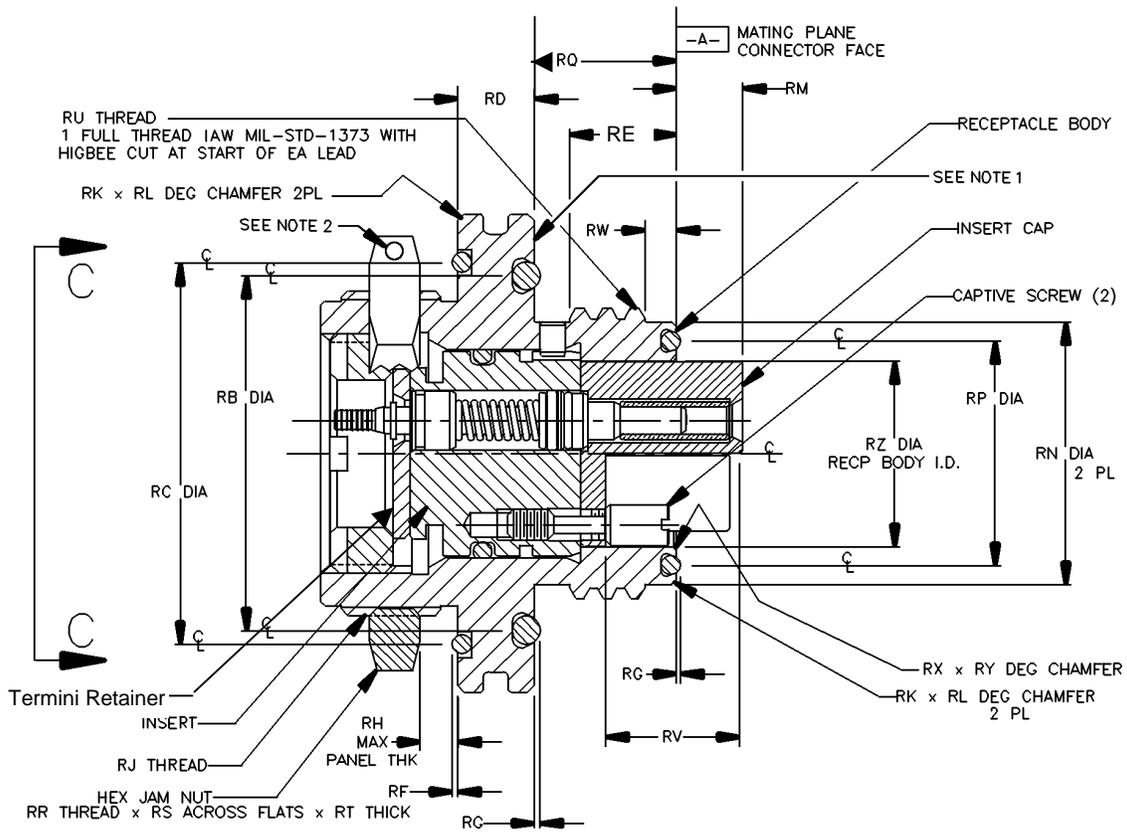
Dimensional descriptions	Outside length with dust cap installed		Length required for dust cap removal		Receptacle housing outside DIA		Receptacle housing protrusion outside panel		Length of lanyard	
Units	Inches		Inches		Inches		Inches		Inches	
Designators	L		M		N		P		V	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
Dimensions	1.720 (43.69)	---	2.200 (55.88)	---	1.760 (44.70)	1.740 (44.20)	0.798 (20.27)	---	4.250 (107.95)	3.750 (95.25)

Dimensional descriptions	Receptacle housing intrusion from front of panel		Diameter of dust cap		Length of dust cap including hardware		Length of optional knurl/grip area on dust cap	
Units	Inches		Inches		Inches		Inches	
Designators	S		T		Q		R	
	Max	Min	Max	Min	Max	Min	Max	Min
Dimensions	0.645 (18.41)	---	1.555 (39.50)	---	1.390 (35.31)	---	---	0.510 (12.95)

1/ Dimensions are in inches.

2/ Metric equivalents are given for general information only.

MIL-PRF-83526/17
DRAFT



NOTES:

1. Place marking in this area (PIN, CAGE, and vendor identification).
2. Jam-nut with .039 (.991) diameter minimum lock wire holes (3 places).
3. "D" mount receptacle (rear jam-nut style) interface dimensions (linear dimensions in inches). (Dimensions effective after platings and coatings) (Angular dimensions in degrees).

FIGURE 2. Jam-nut mount receptacle connector interface dimensions.

MIL-PRF-83526/17
DRAFT

TABLE II. Jam-nut mount receptacle connector interface dimensions. 1/ 2/

Dimensional descriptions	Receptacle housing secondary face seal centerline dia		Receptacle housing panel seal centerline dia		Receptacle housing flange thickness		Receptacle housing thread length		Recep. hsg primary face seal and panel seal available compression	
Units	Inches		Inches		Inches		Inches		Inches	
Designator	RB		RC		RD		RE		RF	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
Dimensions	1.298 (32.97)	1.292 (32.82)	1.397 (35.48)	1.393 (35.38)	0.282 (7.16)	0.278 (7.06)	0.460 (11.68)	0.420 (10.67)	0.020 (5.08)	0.012 (0.30)

Dimensional descriptions	Receptacle housing secondary face seal available compression		Allowable panel thickness		Chamfer (4 places) front/rear receptacle body and front/rear flange				Insert cap protrusion		Recep. hsg thread guide-in and relief dia (2 places)	
Units	Inches		Inches		Inches		Degrees		Inches		Inches	
Designator	RG		RH		RK		RL		RM $\frac{3}{4}$		RN	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
Dimensions	0.025 (0.64)	0.016 (0.41)	0.250 (6.35)	---	0.022 (0.56)	0.012 (0.30)	47°	43°	0.248 (6.30)	0.243 (6.25)	0.960 (24.38)	0.950 (24.13)

Dimensional descriptions	Receptacle housing primary face seal centerline dia		Receptacle housing body face seal to flange seal		Hex jam nut thread	Hex jam nut width across flats		Hex jam nut thickness		Insert intrusion cavity depth	
Units	Inches		Inches		Thread designation	Inches		Inches		Inches	
Designator	RP		RQ		RR	RS		RT		RV	
	Max	Min	Max	Min		Max	Min	Max	Min	Max	Min
Dimensions	0.821 (20.85)	0.815 (20.70)	0.504 (14.38)	.0492 (14.04)	1.1875-18 UNEF-2B thread	1.375 (34.93)	-	0.195 (4.95)	0.175 (4.44)	0.503 (12.78)	0.497 (12.62)

See footnotes at end of table.

MIL-PRF-83526/17
DRAFT

TABLE II. Jam-nut mount receptacle connector interface dimensions - Continued.

Dimensional descriptions	Recp. hsg thread guide-in length		Receptacle housing internal chamfer				Receptacle housing inside dia		Thread flat on "RJ" thread	
	Inches		Inches		Degrees		Inches		Inches	
Designator	RW		RX		RY		RZ		RJF	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
Dimensions	0.075 (1.90)	0.055 (1.40)	0.015 (0.38)	0.005 (0.13)	47°	43°	0.680 (17.27)	0.678 (17.22)	1.144 (29.06)	1.134 (28.80)

Dimensional descriptions	"D" mount receptacle (rear jam nut style) panel mounting thread (external)	"D" mount receptacle (rear jam nut style) body thread (external)
Units	Thread designation	Thread designation
Designator	RJ	RU
Dimensions	1.1875-18 UNEF-2A thread	1.0625 -2A-.1P-.2L-Double stub thread 60 deg "V" Approximately 1.5 full threads in accordance with MIL-STD-1373 except with Higbee cut at start end (away from flange) Minor diameter: .9705 / .9885 Major diameter: 1.050 / 1.060 (Special diameter not in accordance with MIL-STD-1373) Pitch diameter: 1.0165 / 1.0265 Dryfilm lube on this external thread

1/ Dimensions are in inches.

2/ Metric equivalents are given for general information only.

3/ RM dimension must be greater than two (2) times RV dimension.

MIL-PRF-83526/17
DRAFT

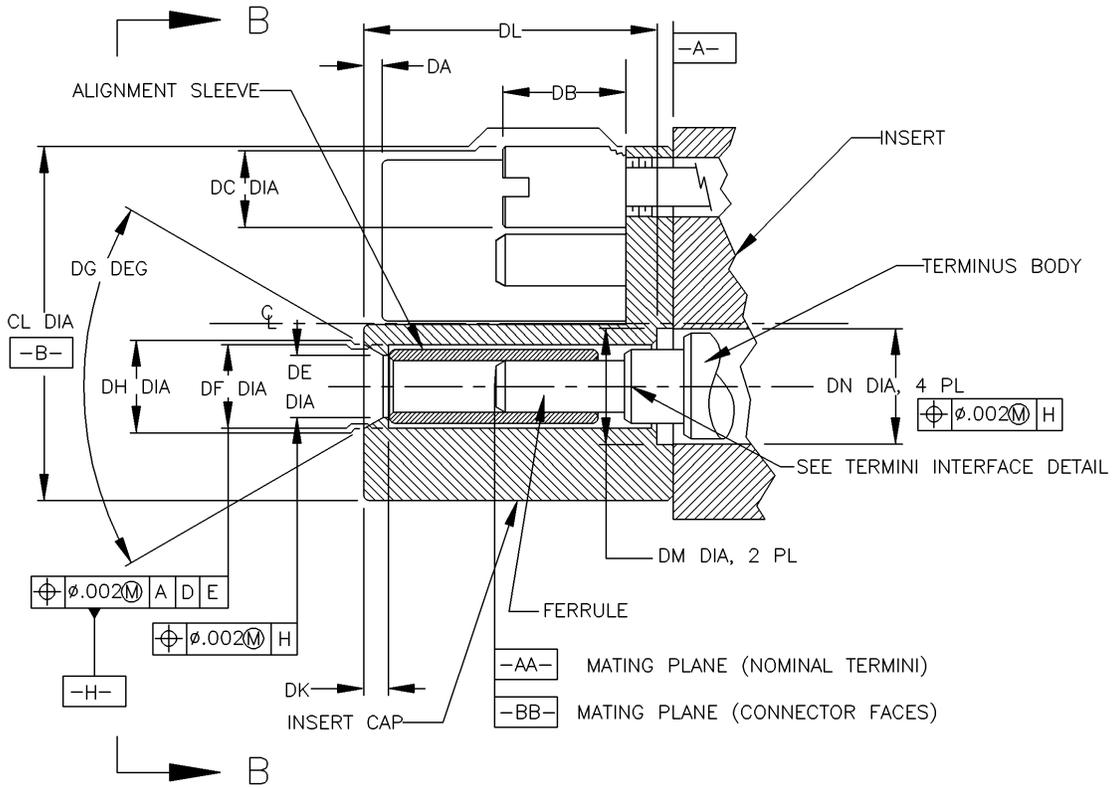


FIGURE 4. Side view cross-section of insert cap (View A-A, see figure 5).

TABLE IV. Insert interface dimensions

Designator	Descriptions	Dimensions			
		Max		Min	
		Inches	mm	Inches	mm
DA	Insert cap guide wing setback (2 places)	.049	1.24	.036	0.91
DB	Height for head of insert retaining screw (2 places)	.234	5.94	.050	1027
DC	Head diameter for insert retaining screw (2 places)	.154	3.91	.140	3.56
CL	Insert cap outside diameter	.675	17.14	.673	17.09
DE	Through hole guide diameter for ferrule (2 places)	.119	3.02	.117	2.97
DF	Diameter of alignment sleeve cavity (2 places)	.162	4.11	.158	4.01
DH	Diameter of guide angle for ferrule (2 places)	.165	4.19	.160	4.06
DK	Set-back for alignment sleeve cavity (2 places)	.049	1.24	.045	1.14
DL	Length for alignment sleeve cavity (2 places)	.569	14.45	.556	14.12
DM	Counterbore diameter for alignment sleeve cavity (2 places)	.228	5.79	.219	5.56
DN	Insert body terminus cavity bore diameter (4 places)	0221	5.61	.219	5.56
DG	Guide angle for ferrule (2 places)	(degrees)			
		62		58	

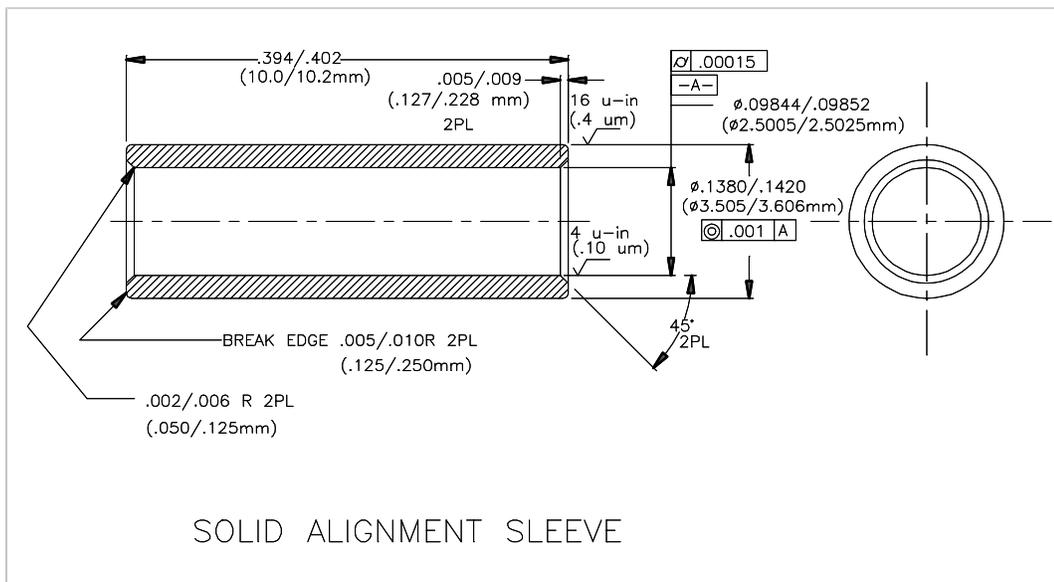
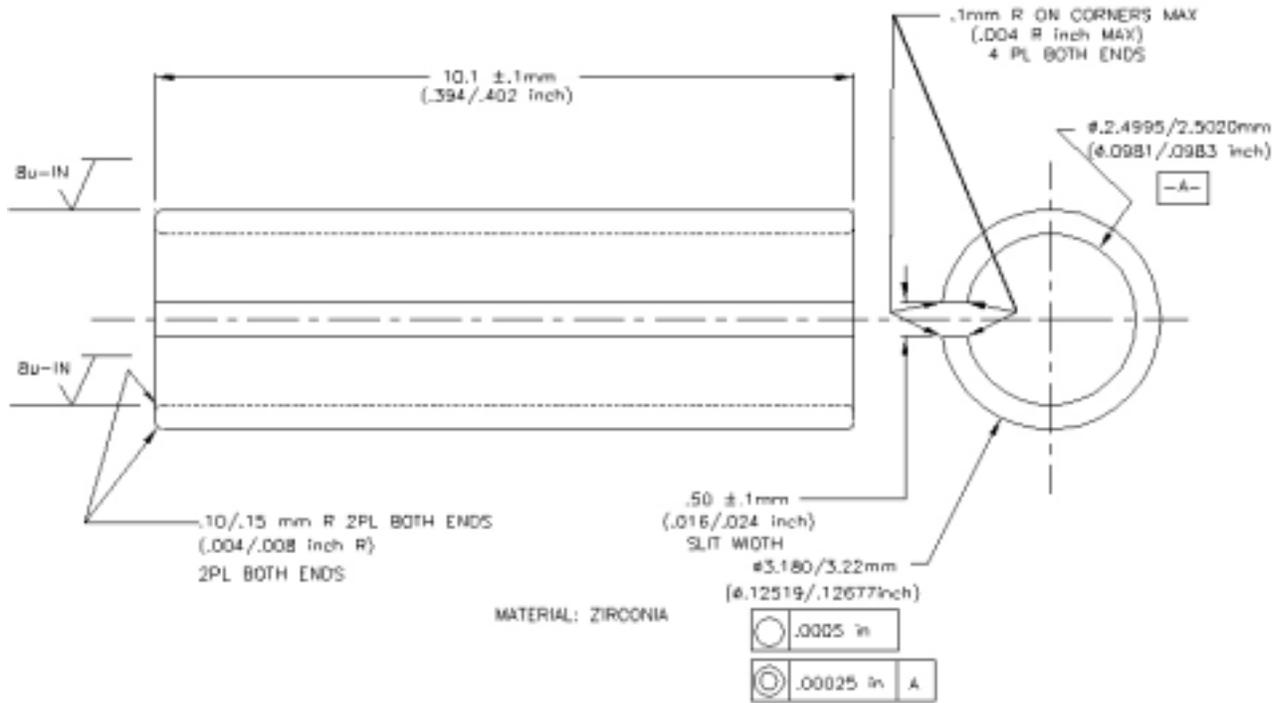


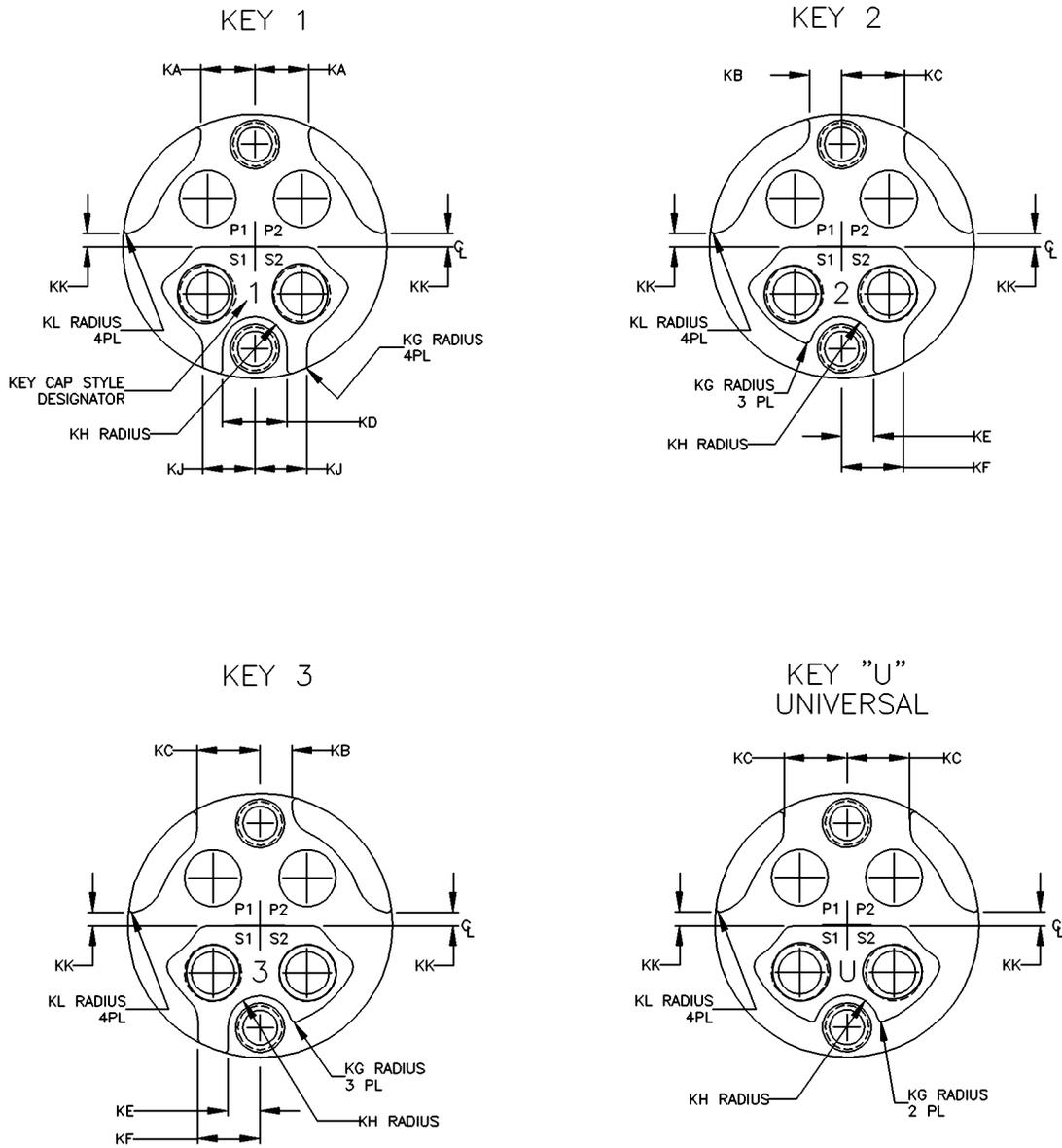
FIGURE 5. Alignment sleeve.

MIL-PRF-83526/17
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SPLIT ALIGNMENT SLEEVE

Figure 5. Alignment sleeve (continued).



NOTE: Insert caps shall be marked with the channel at the front of the insert cap and at the rear or terminus retainer to facilitate correct channel installation. Marking at rear must match marking at front side.

FIGURE 6. Insert cap interface dimensions (View B-B) - Continued.

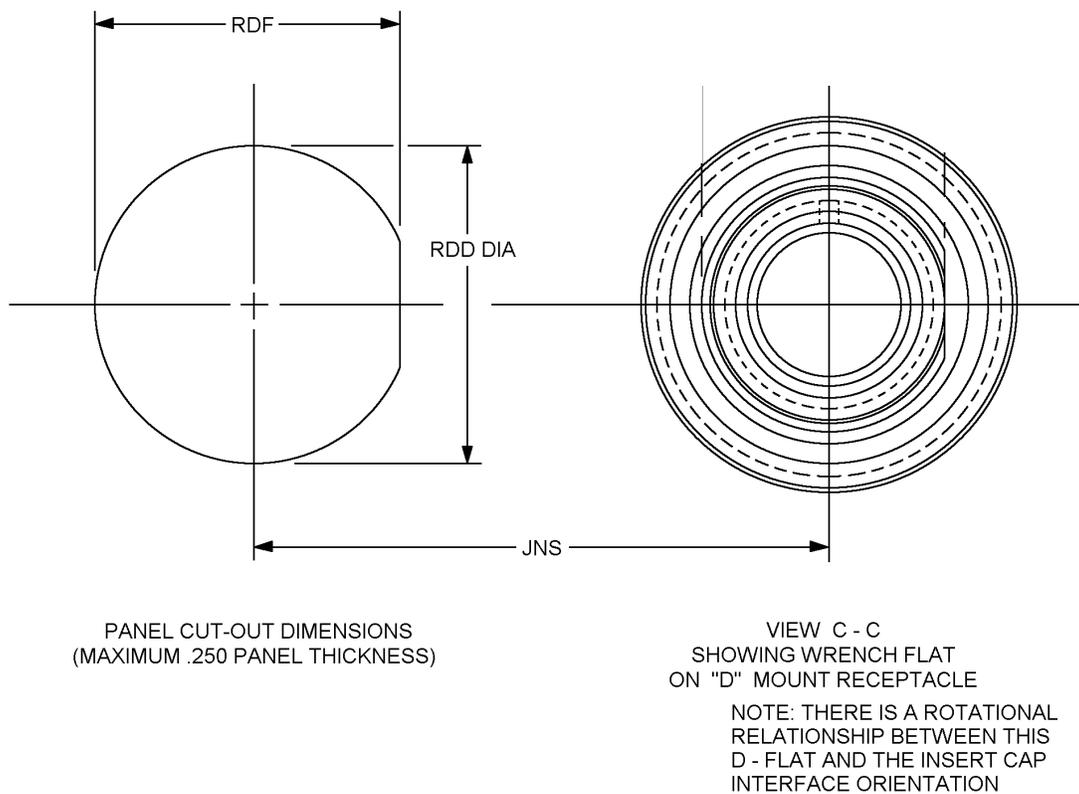
TABLE V. Insert cap interface dimensions.

Designator	Descriptions	Dimensions			
		Max		Min	
		Inches	mm	Inches	mm
CA	Clearance hole diameter for pin terminus in cap (2 places)	.162	4.11	.158	4.01
CC	Small hole pin dia.	.067	1.70	.064	1.63
CD	Termini hole location coordinates (4 places) <u>1/</u>	.1205	3.061		
CE	Large pin hole dia.	.098	2.49	.095	2.41
CG	Mounting screw hole location coordinates (2 places) <u>1/</u>	.260	6.60		
CH	Center mating plane offset clearance	.002	0.05	.001	0.03
CK	Concave radius on insert cap tower (2 places)	.229	5.82	.209	5.31
CJ	Location coordinates for "CK" radius (2 places)	.110	2.79	.090	2.29
CQ		.358	9.09	.338	8.58
CL	Outside diameter of insert cap and guide	.675	17.14	.673	17.09
CS	Fillet radius on insert cap tower <u>2/</u>	.062	1.57	.058	1.47
CT	Convex radius on insert tower (2 places) <u>3/</u>	.269	6.83	.262	6.65
CU	Corner radius on insert tower (4 places)	.036	0.91	.028	0.71
CW	Convex radius on guide wings (2 places)	.104	2.64	.091	2.31
CX	Concave radius on guide wing (2 places) <u>3/</u>	.269	6.83	.267	6.78
CY	Convex radius on guide wing (2 places)	.104	2.64	.062	1.57
KA	Guide wing spacing (2 places)	.139	3.53	.137	3.48
KD	Width of clearance notch for screw head <u>4/</u>	.170	4.32	.158	4.01
KH	Radius of clearance notch for screw head	.085	2.16	.079	2.01
KK	Offset dimension for guide wings (2 places)	.043	1.09	.002	0.06
KG	Corner break edge radius on tower (4 places) <u>5/</u>	.015	0.38	.005	0.13
KL	Corner break edge radius on wings (4 places)	.015	0.38	.005	0.13
KB	Spacing for large guide wing <u>6/</u>	.084	2.13	.082	2.08
KC	Spacing for small guide wing <u>6/</u>	.162	4.11	.160	4.06
KE	Tower rib inside dimension <u>6/</u>	.079	2.01	.085	2.16
KF	Tower rib outside dimension <u>6/</u>	.159	4.04	.157	3.99
KJ	Outside tower rib width dimension (2 places) <u>4/</u>	.134	3.40		
				.132	3.35
CB	Internal thread for captive retaining screw (2 places)	Thread designation			
		.112-40 UNC-2B			

See footnotes at top of next page.

TABLE V. Insert cap interface dimensions - Continued.

- 1/ "CD" and "CG" dimensions are basic. Tolerance for position is in the feature control frame (see figure 5).
- 2/ "CS" radius 2 places on key 1, 1 place on key 2 and key 3, and not used on key "U".
- 3/ Center of "CT" and "CX" radii are at center of datums -A- and -B-.
- 4/ "KA", "KD", and "KJ" apply to key 1 configuration only.
- 5/ "KG" radius 4 places on key 1, 3 places on key 2 and key 3, and 2 places on key "U".
- 6/ "KB", "KC", "KE", and "KF" apply to key 2, key 3, or key "U".



NOTES:

1. Dimensions are in inches. Metric equivalents are provided for reference.
2. Unless otherwise specified, tolerances are $\pm .010$ for three place decimals, $\pm .03$ for two place decimals, and $\pm .1$ for one place decimals. Angular tolerances are $\pm 0^\circ 30'$.
3. Unless otherwise specified, dimensions are symmetrical about centerlines.

FIGURE 7. Recommended panel mounting cutout.

MIL-PRF-83526/17
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TABLE V. Recommended panel mounting dimensions. 1/

Panel cutout diameter		Panel cutout dimension to flat		Centerline spacing to provide wrenching clearance
Inches		Inches		Inches
RDD		RDF		JNS
Max	Min	Max	Min	Min
1.200 (30.480)	1.190 (30.226)	1.145 (29.083)	1.140 (28.956)	2.550 (64.770)

1/ Metric equivalents in parentheses provided for information.

REQUIREMENTS:

Dimensions and configurations: See figures 1 through 6 and tables I through V.

Material: See table VII.

Finish: Shall be per table VI to minimize reflections.

Weight: 2.0 pounds maximum.

Temperature requirements:

Operating temperature range: -65°F to 160°F (-54°C to 71°C)

Transit temperature range: -65°F to 160°F (-54°C to 71°C)

Storage temperature range: -70°F to 185°F (-57°C to 85°C).

Fiber optic cable requirements: Shall be in accordance with MIL-PRF-85045/8-B2A.

Coupling force: 10 pounds maximum.

Coupling torque: 40 inch-pounds maximum.

Epoxy: Epoxy is not furnished with the connector. Epoxy shall conform to MIL-PRF-24792.

Installation and removal tools: Tools are not furnished with the connector. For termini installation tool see DSCC drawing 0499 (proposed).

Threads: Threads shall be in accordance with FED-STD-H28 or MIL-STD-1373.

Termini: Termini shall be in accordance with MIL-PRF-29504/16 (proposed).

Termini retainer: The termini retainer shall be in accordance with Figure 3.

MIL-PRF-83526/17
DRAFT

TABLE VII. Material and finish description.

Part description	Material	Finish
Connector receptacle body	6061-T6 or 2024-as long as it is not T3 or T4 aluminum alloy, or A-356 cast aluminum	Alkaline electrolytic zinc-nickel (5-9%) alloy over electroless nickel followed by dark bronze chromate conversion coating in accordance with SAE-AMS2417 type 2. Thickness: Nickel strike .00030 to .00035 thick, Zn-NI plate .0003 to .0004 thick, bronze chromate approx. 0.6 microns
Insert and insert cap	6061-T6 or 2024-as long as it is not T3 or T4 aluminum alloy, or A-356 cast aluminum	Alkaline electrolytic zinc-nickel (5-9%) alloy over electroless nickel followed by dark bronze chromate conversion coating in accordance with SAE-AMS2417 type 2. Thickness: Nickel strike .00030 to .00035 thick, Zn-NI plate .0003 to .0004 thick, bronze chromate approx. 0.6 microns
Alignment sleeve	Zirconia	None
Screws pins and fasteners	303 stainless steel alloy	Passivation in accordance with QQ-P-35
Jam-nut	6061-T6 or 2024-as long as it is not T3 or T4 aluminum alloy	Alkaline electrolytic zinc-nickel (5-9%) alloy over electroless nickel followed by dark bronze chromate conversion coating in accordance with SAE-AMS2417 type 2. Thickness: Nickel strike .00030 to .00035 thick, Zn-NI plate .0003 to .0004 thick, bronze chromate approx. 0.6 microns
Dust cap housing	Aluminum 6061-T6 or die cast aluminum 380 or 256	Alkaline electrolytic zinc-nickel (5-9%) alloy over electroless nickel followed by dark bronze chromate conversion coating in accordance with SAE-AMS2417 type 2. Thickness: Nickel strike .00030 to .00035 thick, Zn-NI plate .0003 to .0004 thick, bronze chromate approx. 0.6 microns
Lanyard	Nylon coated stainless steel cable, with stainless steel fittings or chain	None
O-rings and seals	<u>1/</u>	
Termini body and Termini retainer	303 stainless steel alloy	Alkaline electrolytic zinc-nickel (5-9%) alloy over electroless nickel followed by dark bronze chromate conversion coating in accordance with SAE-AMS2417 type 2. Thickness: Nickel strike .00030 to .00035 thick, Zn-NI plate .0003 to .0004 thick, bronze chromate approx. 0.6 microns
Ferrule	Zirconia	None
Spring	Stainless steel or corrosion resistant steel	Alkaline electrolytic zinc-nickel (5-9%) alloy over electroless nickel followed by dark bronze chromate conversion coating in accordance with SAE-AMS2417 type 2. Thickness: Nickel strike .00030 to .00035 thick, Zn-NI plate .0003 to .0004 thick, bronze chromate approx. 0.6 microns

1/ Material shall be such that all temperature and environmental requirements shall be met.

MIL-PRF-83526/17
DRAFT

Alignment sleeve: The alignment sleeve shall be in accordance with figure 3 (solid or split configuration). The alignment sleeve shall be reversible end for end and shall be easily removed from/replaced on the termini ferrules without special tools. The alignment sleeve is designed to be a loose fit in the insert cap and to be a close slip fit on the termini ferrules. The alignment sleeve shall be interchangeable from one manufacturer to another manufacturer and shall be demonstrated by the interchangeability test below. Singlemode alignment sleeves shall be identified in a manner distinguishing them from multimode alignment sleeves

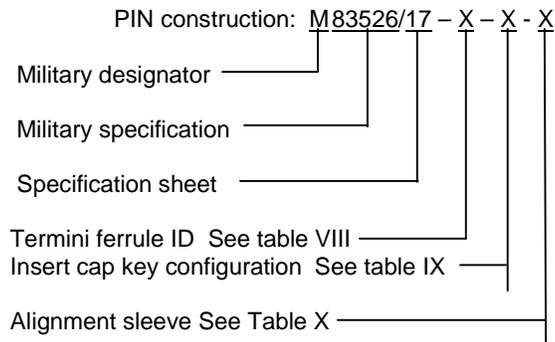
Insert: The insert shall retain the termini in position during connector use and during cleaning with the insert cap removed. The rear side of the insert shall have the four channels clearly marked. Insert shall be keyed to the receptacle body to assure orientation of the insert to the flat on the D thread (see figure 1). This shall be necessary to assure uniform orientation of the keyed insert cap (see figure 4) when installed.

Insert cap: The insert cap dimensions shall be in accordance with figure 4 and 6. The insert cap shall provide a means to retain the two (2) solid alignment sleeves on the two (2) termini used as socket termini. The cap shall not inhibit the two (2) termini used as pin termini from extending forward and beyond the termini face mating plane "AA" (see figure 4) thereby allowing the pin termini to impinge face to face upon the mating socket termini when the connectors are mated. The insert cap shall install only one way. The bores in the insert cap, which contain the alignment sleeves, shall have a loose fit to allow for radial and axial alignment of the termini assembly, and for the easy removal and installation of the alignment sleeve without the need for special insertion/extraction tools. In addition, the insert cap shall depress the four (4) termini in the connector to the (ready to mate) position when installed and tightened to the insert. The insert cap shall be removable by loosening the two captive #2-56 socket head cap screws (see fig. 3) for the purpose of cleaning the connector and for optical maintenance when the connector is fully assembled. The insert cap shall be interchangeable from one manufacturer to another manufacturer and shall be demonstrated by the interchangeability test below.

Termini: All termini shall be identical within specified tolerances (see MIL-PRF-29504/16 proposed). The termini shall be compressed when the insert cap is installed and tightened such that they are held captive to the insert and they are spring loaded against additional rearward movement. Axial accommodation shall allow all termini to be compressed at least .030 inch beyond datum -A- without binding or bottoming out. All termini assemblies shall be free to align coaxially with mating termini by having their pivot/fulcrum location near the rear of the terminus with the front of the terminus free to move radially. Such free radial movement shall allow the pin terminus to self align with alignment sleeve upon engagement of one connector into another. The front seal shall not inhibit freedom of radial movement for the termini in the "MATED POSITION" or during mating.

Marking:

Part or Identifying Number (PIN). Example of PIN: M83526/17- (dash numbers from tables). Additional manufacturer's marking allowed. Key positions see figure 5.



MIL-PRF-83526/17
DRAFT

Fiber optic yellow band: Shall be applied to the receptacle body in the area of the lanyard attachment ring.

- Marking: Connector body - Location, see figure 2.
- Laser marking .040 min. character height, character width should be 2/3 character height.
 - PIN (see below), CAGE code and vendor identification (name or logo).

- Insert cap - Channel number on front (see figure 4) and matching channel number on the rear, utilizing a non-raised method to avoid interference with mating insert.

TABLE VIII. PIN termini ferrule configuration.

M83526/17-X	Termini ferrule ID			
	Inches		mm	
	Min	Max	Min	Max
A	0.00496	0.00500	.1260	.1270
B	0.00500	0.00504	.1270	.1280
C	0.00560	0.00564	.1420	.1430
D	0.00905	0.00909	.2300	.2310
W	No termini supplied			

TABLE IX. PIN insert cap key configuration.

M38526/17- -X	Key configuration (see figure 4)
1	1
2	2
3	3
4	U

TABLE X. PIN alignment sleeve configuration

M38526/17- - -X	See fig. 6
S	Split
M	Solid

Qualification inspection sample size: Applicable, except the following minimum test samples shall be provided:

Eight Jam-nut mount receptacle connectors mated with another eight connector plugs. Larger sample size to allow parallel testing is allowed.

Conformance inspection sample unit preparation: Applicable, except in cases where no MIL-PRF-85045 qualified sources exist, cable shall be specified by the qualifying activity (<mailto:vqe.chief@dla.mil>).

MIL-PRF-83526/17
DRAFT

Insertion loss: Applicable, except maximum insertion loss per connection for 62.5/125 μm fiber shall be 0.75 dB. Samples shall be tested for coupling loss in accordance with TIA-455-34, method A and TIA-455-20. The initial loss measurements shall be performed in accordance with TIA-455-34. Thereafter, coupling loss changes monitored during and after other tests shall be in accordance with TIA-455-171 except that the initial launch conditions established using TIA-455-34, method A (the initial coupling loss measurements) shall not be changed. Upon the completion of each test, samples shall be examined for compliance.

Crosstalk: Applicable, except test in accordance with TIA/EIA-455-42 with passive channels 56 dB minimum below the active channel.

Insert retention radial strength: 30 inch – pounds.

Terminus retention force: Shall be verified utilizing the following procedure:

- a) A preload of not greater than 10 lbs shall be applied to the ferrule face to compress the spring.
- b) With a measurement device located at the termini fiber end (see figure 3), zero the measurement device.
- c) Apply the remainder of the load specified (see MIL-PRF-29504).
- d) Utilizing measurement device, verify movement is less than .012 inches.

Mating durability: Applicable, except 2,000 complete cycles shall be accomplished.

Impact: Applicable, except test in accordance with method C, service class severe of TIA/EIA-455-2.

Cable retention: Not applicable.

Crush resistance: Applicable, except test load shall be 450 pounds.

Thermal shock: Applicable except test in accordance with EIA/TIA-455-71: FOTP-71, condition B-0 except 10 cycles, high temperature 85°C and low temperature -62°C.

Shock: Applicable, except test condition A shall be utilized.

Water pressure: Applicable, except minimum depth shall be 1.0 m for a period of not less than 24 hours. Bulkhead connectors shall be mounted on a 4 inch (101.6 mm) sealed cube. No ingress of water into the cube is allowed. Test shall be accomplished using 3 sets of samples: In-line connectors mated with dust caps; bulkhead connectors mated with dust caps; and, in-line connectors mated with bulkhead connectors.

Fungus resistance: Applicable in accordance with basic document (MIL-PRF-83526). Following the test, examination of the test samples shall reveal no evidence of deterioration of component parts or constituent materials that will adversely affect performance.

Terminus insertion and removal methods: Terminus insertion and removal methods shall be defined in the assembly instructions.

Interchangeability: Interchangeability shall be demonstrated during qualification performance of the interoperability test. During this test, termini retainers and alignment sleeves (with same mode configuration (solid/split)) shall be selected at random from disassembled connector parts and assembled prior to the insertion loss test.

MIL-PRF-83526/17
DRAFT

The Government has a royalty-free license under the following listed patents for the benefit of manufacturers of the item either for the government or for use in equipment to be delivered to the Government.

<u>Patent number</u>	<u>Patent expiration date</u>
TBD	TBD

Referenced documents. In addition to MIL-PRF-83526 this document references the following:

MIL-PRF-29504/16 (proposed)	MIL-STD-1373	FED-STD-428	TIA/EIA-455-2	TIA/EIA-455-98
MIL-PRF-24792	MIL-STD-810	SAE-AMS2417	TIA/EIA-455-34	TIA/EIA-455-71
MIL-PRF-85045	FED-STD-H28	TIA/EIA-455-6	TIA/EIA-455-42	

Custodians:

Army - CR
Navy - SH
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 6060-0156)

Review activities:

Navy - AS
Air Force - 13, 19, 93
NASA - NA
MISC - DI

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://www.dodssp.daps.mil/>.