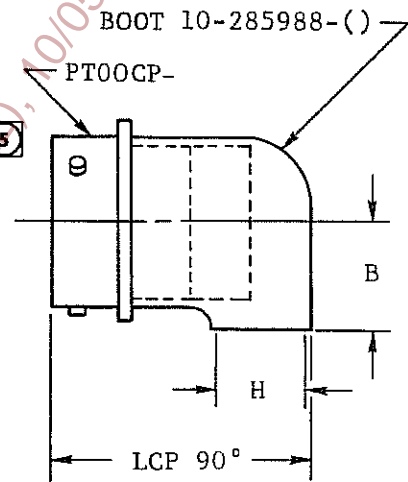
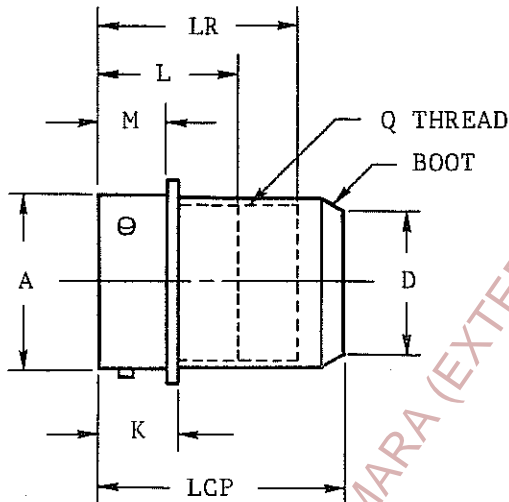
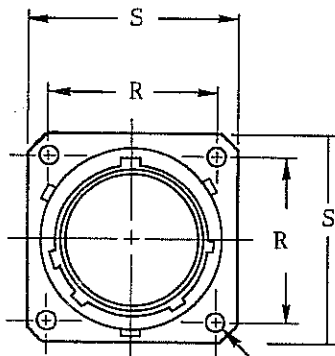


## ENGINEERING STANDARD



COMMERCIAL PART NUMBER	A +.001 -.005	K +.021 -.010	LR MAX	M +.010 -.000	R	S ±.016	LCP ±.078	LCP (351) ±.078	Q THREAD CLASS 2A	D DIA	L MAX
PTOOC-8-()	.473	.493	1.250	.431	.594	.812	1.547	1.297	.4375-28 UNEF	.327	.906
PTOOC-10-()	.590	.493	1.250	.431	.719	.938	1.547	1.297	.5625-24 NEF	.444	.906
PTOOC-12-()	.750	.493	1.250	.431	.812	1.031	1.547	1.297	.6875-24 NEF	.558	.906
PTOOC-14-()	.875	.493	1.250	.431	.906	1.125	1.547	1.297	.8125-20 UNEF	.683	.906
PTOOC-16-()	1.000	.493	1.250	.431	.969	1.219	1.547	1.297	.9375-20 UNEF	.808	.906
PTOOC-18-()	1.125	.493	1.250	.431	1.062	1.312	1.547	1.297	1.0625-18 NEF	.909	.906
PTOOC-20-()	1.250	.650	1.312	.556	1.156	1.438	1.650	1.525	1.1875-18 NEF	1.034	1.125
PTOOC-22-()	1.375	.650	1.312	.556	1.250	1.562	1.650	1.525	1.3125-18 NEF	1.159	1.125
PTOOC-24-()	1.500	.683	1.312	.589	1.375	1.688	1.688	1.594	1.4375-18 NEF	1.284	1.188

COMMERCIAL PART NUMBER	SHELL SIZE	B	H	LCP 90° +.078 -.050
PTOOC-8-()	8	.625	.250	1.330
PTOOC-10-()	10	.688	.272	1.338
PTOOC-12-()	12	.625	.272	1.592
PTOOC-14-()	14	.562	.303	1.575
PTOOC-16-()	16	.750	.375	1.580
PTOOC-18-()	18	.688	.550	1.637
PTOOC-20-()	20	.875	.582	1.805
PTOOC-22-()	22	.812	.582	1.805
PTOOC-24-()	24	1.000	.630	2.053

PROCUREMENT  
SPECIFICATION  
MIL-C-26482CONNECTOR, RECEPTACLE, ELECTRICAL,  
PYGMY, WALL MOUNTING, CRIMPEDCODE IDENT  
NO. 76823

91C100

SHEET 1 OF 15

DATE OF ISSUE: 3 JAN 63 REV. 4 4 DEC 70 5 31 MAR 72

NOT A PART NUMBER

**ENGINEERING STANDARD**

CODE: ADD (351) AFTER THE "P", "S" OR ALTERNATE POSITION LETTER IN THE LAST DASH NUMBER TO OBTAIN THE SHORT POTTING BOOT.

EXAMPLE OF PART NUMBER:

PTOOC-8-3S CONNECTOR

SOCKET TYPE CONTACT  
SOCKET ARRANGEMENT NUMBER  
SHELL SIZE  
POTTED, CRIMPED TERMINATION  
WALL MOUNTING RECEPTACLE  
TYPE

PTOOC-8-3S(351) SAME AS ABOVE EXCEPT OVERALL LENGTH REDUCED BY USING SHORT BOOT, SEE TABULATION.

10-285988-8 BOOT, 90°

SHELL SIZE  
BASIC P/N

MATERIAL: SHELL - ALUMINUM ALLOY PER QQ-A-200/8.  
INSERT - RESILIENT PER MIL-R-3065 AND MIL-STD-417, DUROMETER HARDNESS 65 TO 85.  
CONTACTS - COPPER ALLOY, STAINLESS STEEL SPRINGS ON SOCKET CONTACTS.

FINISH: SHELL - CADMIUM PLATE, OLIVE DRAB IRIDITE.  
INSERT - AS MOLDED.  
CONTACTS - .00003 GOLD OVER .0002 SILVER PLATE.

PROCUREMENT: BENDIX CORP., ELECTRICAL COMPONENTS DIV., SIDNEY, N.Y. (CODE IDENT NO. 77820).

NOTES: UNLESS OTHERWISE SPECIFIED:

1. FOR CUTOUT USE 31Z100 SERIES OF EQUIVALENT SHELL SIZE.
2. CONNECTOR FINISH IS CONDUCTIVE.
3. SIZE 16 CONTACTS ARE RATED AT 22 AMPERES AND SIZE 20 ARE RATED AT 7-1/2 AMPERES.
4. CONNECTOR CANNOT WITHSTAND FULL RATED CURRENT THROUGH ALL CONTACTS CONTINUOUSLY
5. MOUNTING SCREWS ARE NO. 4, EXCEPT FOR SHELL SIZE 24 WHICH USES NO. 6.
6. FOR THE CRIMPED "CP" CONNECTORS, THE STANDARD POTTING BOOT IS TINTED GREEN, THE SHORT (351) BOOT IS WHITE OR NATURAL COLOR.
7. WIRING AND ASSEMBLY PER PROCESS SPECIFICATION EL-13.
8. BENDIX DRAWING NUMBERS: SHORT ASSEMBLY - 71-263675/89  
LONG ASSEMBLY - 71-310006/50  
SHORT BOOT - 10-150913-  
LONG BOOT - 10-195999-  
THREADED RING - 10-330915- **6**  
90° BOOT - 10-285988-
9. IF OTHER THAN THE STRAIGHT BOOTS ARE REQUIRED, CALL OUT THE PTOO-NUMBER AND THE PART NUMBER OF THE BOOTS REQUIRED, AND ADD A NOTE ON THE DWG TO DISCARD THE STRAIGHT BOOT AND REPLACE WITH THE REQUIRED BOOT.

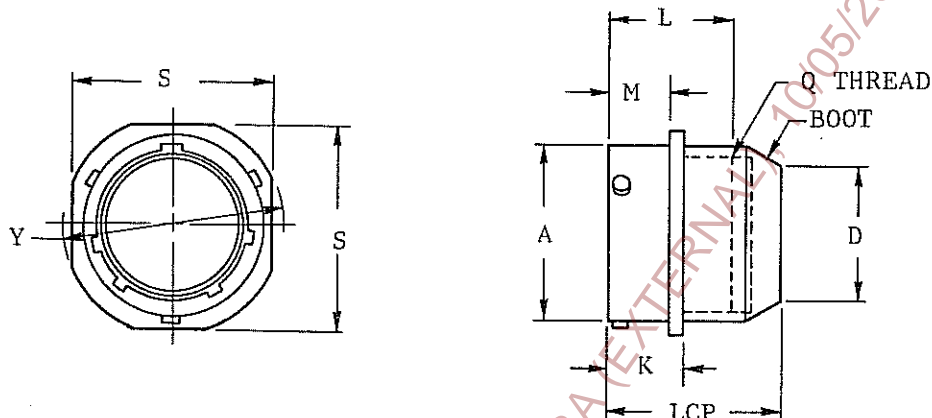
PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR, RECEPTACLE, ELECTRICAL,  
PYGMY, WALL MOUNTING, CRIMPED

CODE IDENT  
NO. 76823

91C100  
SHEET 2 OF 15

## ENGINEERING STANDARD



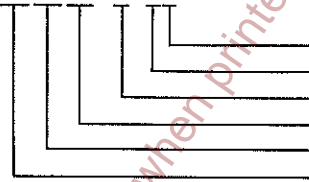
COMMERCIAL PART NUMBER	A +.001 -.005	K +.021 -.010	M +.016 -.000	Q THREAD CLASS 2A	S ±.016	Y ±.016	LCP ±.078	LCP (351) ±.078	D DIA	L MAX
PT01CP-8-()	.473	.494	.400	.4375-28 UNEF	.812	.938	1.547	1.297	.327	.906
PT01CP-10-()	.590	.494	.400	.5625-24 NEF	.938	1.062	1.547	1.297	.444	.906
PT01CP-12-()	.750	.494	.400	.6875-24 NEF	1.031	1.156	1.547	1.297	.558	.906
PT01CP-14-()	.875	.494	.400	.8125-20 UNEF	1.125	1.250	1.547	1.297	.683	.906
PT01CP-16-()	1.000	.494	.400	.9375-20 UNEF	1.219	1.344	1.547	1.297	.808	.906
PT01CP-18-()	1.125	.494	.400	1.0625-18 NEF	1.312	1.438	1.547	1.297	.909	.906
PT01CP-20-()	1.250	.650	.535	1.1875-18 NEF	1.438	1.562	1.650	1.525	1.034	1.125
PT01CP-22-()	1.375	.650	.535	1.3125-18 NEF	1.562	1.688	1.650	1.525	1.159	1.125
PT01CP-24-()	1.500	.683	.568	1.4375-18 NEF	1.688	1.812	1.688	1.594	1.284	1.188

CODE: ADD (351) AFTER THE "P", "S" OR ALTERNATE POSITION LETTER IN THE LAST DASH NUMBER TO OBTAIN THE SHORT POTTING BOOT.

EXAMPLE OF PART NUMBER:

PT01CP-8-3P

CONNECTOR



PIN TYPE CONTACT  
CONTACT ARRANGEMENT NUMBER  
SHELL SIZE  
POTTED, CRIMPED TERMINATION  
CABLE CONNECTING PLUG  
TYPE

PT01CP-8-3P(351)

SAME AS ABOVE EXCEPT OVERALL LENGTH REDUCED BY USING SHORT BOOT, SEE TABULATION.

PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR, RECEPTACLE, ELECTRICAL.  
PYGMY, CABLE CONNECTING, CRIMPED

CODE IDENT  
NO. 76823

91C100  
SHEET 3 OF 15 5

DATE OF ISSUE: 3 JAN 63 REV. 4 4 DEC 70 5 31 MAR 72

NOT A PART NUMBER

**ENGINEERING STANDARD**

MATERIAL: SHELL - ALUMINUM ALLOY PER QQ-A-200/8.  
INSERT - RESILIENT, PER MIL-R-3065 AND MIL-STD-417, DUROMETER HARDNESS 65 TO 85.  
CONTACTS - COPPER ALLOY, STAINLESS STEEL SPRINGS ON SOCKET CONTACTS.

FINISH: SHELL - CADMIUM PLATE, OLIVE DRAB IRIDITE.  
INSERT - AS MOLDED.  
CONTACTS - .00003 GOLD OVER .0002 SILVER PLATE.

PROCUREMENT: BENDIX CORP., ELECTRICAL COMPONENTS DIV., SIDNEY, N.Y. (CODE IDENT NO. 77820).

## NOTES: UNLESS OTHERWISE SPECIFIED:

1. CONNECTOR FINISH IS CONDUCTIVE.
2. SIZE 16 CONTACTS ARE RATED AT 22 AMPERES AND SIZE 20 ARE RATED AT 7 1/2 AMPERES.
3. CONNECTOR CANNOT WITHSTAND FULL RATED CURRENT THROUGH ALL CONTACTS CONTINUOUSLY.
4. FOR THE CRIMPED "CP" CONNECTORS, THE STANDARD POTTING BOOT IS TINTED GREEN. THE SHORT (351) BOOT IS WHITE OR NATURAL COLOR.
5. WIRING AND ASSEMBLY PER PROCESS SPECIFICATION EL-13.
6. BENDIX DRAWING NUMBERS: SHORT ASSEMBLY - 71-451500/14  
LONG ASSEMBLY - 71-310106/50  
SHORT BOOT - 10-150913-  
LONG BOOT - 10-195999-  
THREADED RING - 10-330915- 6

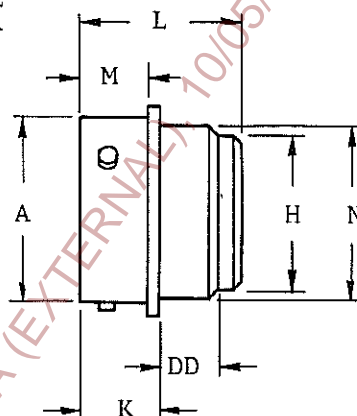
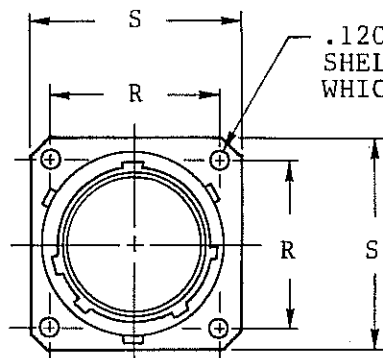
PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR, RECEPTACLE, ELECTRICAL,  
PYGMY, CABLE CONNECTING, CRIMPED

CODE IDENT  
NO. 76823

91C100  
SHEET 4 OF 15

## ENGINEERING STANDARD



COMMERCIAL PART NUMBER	A +.000 -.005	K +.020 -.010	L MAX	DD	M +.010 -.000	N DIA MAX	R	S ±.016	H DIA MAX
PTO2CE-8-()	.473	.493	1.250	.344	.431	.449	.594	.812	.317
PTO2CE-10-()	.590	.493	1.250	.344	.431	.573	.719	.938	.441
PTO2CE-12-()	.750	.493	1.250	.344	.431	.699	.812	1.031	.566
PTO2CE-14-()	.875	.493	1.250	.344	.431	.823	.906	1.125	.683
PTO2CE-16-()	1.000	.493	1.250	.344	.431	.949	.969	1.219	.808
PTO2CE-18-()	1.125	.493	1.250	.344	.431	1.073	1.062	1.312	.899
PTO2CE-20-()	1.250	.650	1.312	.406	.556	1.199	1.156	1.438	1.034
PTO2CE-22-()	1.375	.650	1.312	.406	.556	1.323	1.250	1.562	1.155
PTO2CE-24-()	1.500	.683	1.312	.436	.589	1.449	1.375	1.688	1.279

## EXAMPLE OF PART NUMBER:

PTO2CE-8-3P CONNECTOR  
 PIN TYPE CONTACT  
 CONTACT ARRANGEMENT NUMBER  
 SHELL SIZE  
 SERVICE CLASS CRIMPED (SEE NOTE 5)  
 BOX MOUNTING RECEPTACLE  
 TYPE

MATERIAL: SHELL - ALUMINUM ALLOY PER QQ-A-200/8. 5  
 INSERT - RESILIENT, PER MIL-R-3065 AND MIL-STD-417, DUROMETER HARDNESS 65 TO 85.  
 CONTACTS - COPPER ALLOY, STAINLESS STEEL SPRINGS ON SOCKET CONTACTS.

FINISH: SHELL - CADMIUM PLATE, OLIVE DRAB IRIDITE.  
 INSERT - AS MOLDED.  
 CONTACTS - .00003 GOLD OVER .0002 SILVER PLATE.

PROCUREMENT: BENDIX CORP., ELECTRICAL COMPONENTS DIV., SIDNEY, N.Y. (CODE IDENT NO. 77820).

## NOTES: UNLESS OTHERWISE SPECIFIED:

1. FOR CUTOUT USE 312100 SERIES OF EQUIVALENT SHELL SIZE.
2. CONNECTOR FINISH IS CONDUCTIVE.
3. SIZE 16 CONTACTS ARE RATED AT 22 AMPERES AND SIZE 20 ARE RATED AT 7 1/2 AMPERES.
4. CONNECTOR CANNOT WITHSTAND FULL RATED CURRENT THROUGH ALL CONTACTS CONTINUOUSLY.
5. INCLUDE AN "E" IN THE SERVICE CLASS POSITION; AS THIS IS A BOX MOUNTING RECEPTACLE, A BOOT OR OTHER TERMINATION WILL NOT BE INCLUDED.
6. MOUNTING SCREWS ARE NO. 4, EXCEPT SHELL SIZE 24 WHICH USES NO. 6.
7. THE BENDIX DRAWING NO. FOR THIS ASSEMBLY IS 71-310206/50.
8. WIRING AND ASSEMBLY PER PROCESS SPECIFICATION EL-13.

PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR, RECEPTACLE, ELECTRICAL,  
PYGMY, BOX MOUNTING, CRIMPED

CODE IDENT  
NO. 76823

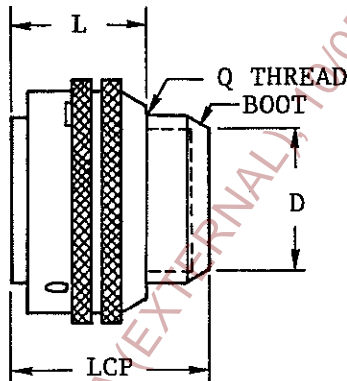
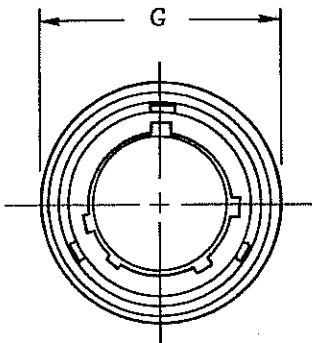
91C100  
SHEET 5 OF 15 5

**NORTHROP**

**ENGINEERING STANDARD**

Northrop Corporation

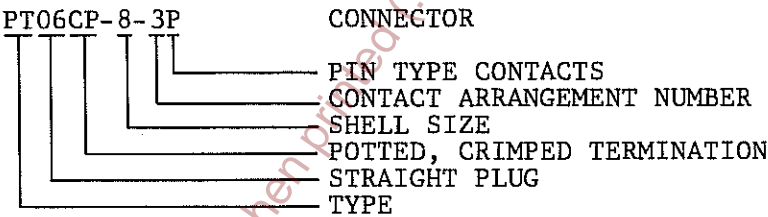
Aircraft Division



COMMERCIAL PART NUMBER	G +.000 -.047	L MAX	Q THREAD CLASS 2A	LCP ±.078	LCP (351) ±.078	D DIA
PT06CP-8-()	.734	.906	.4375-28 UNEF	1.611	1.361	.327
PT06CP-10-()	.844	.906	.5625-24 NEF	1.611	1.361	.444
PT06CP-12-()	1.016	.906	.6875-24 NEF	1.611	1.361	.558
PT06CP-14-()	1.141	.906	.8125-20 UNEF	1.611	1.361	.683
PT06CP-16-()	1.266	.906	.9375-20 UNEF	1.611	1.361	.808
PT06CP-18-()	1.375	.906	1.0625-18 NEF	1.611	1.361	.909
PT06CP-20-()	1.516	1.062	1.1875-18 NEF	1.620	1.495	1.034
PT06CP-22-()	1.641	1.062	1.3125-18 NEF	1.620	1.495	1.159
PT06CP-24-()	1.761	1.062	1.437-18 NEF	1.690	1.596	1.284

CODE: ADD (351) AFTER THE "P", "S" OR ALTERNATE POSITION LETTER IN THE LAST DASH NUMBER TO OBTAIN THE SHORT POTTING BOOT.

EXAMPLE OF PART NUMBER:



PT06CP-8-3P(351) SAME AS ABOVE EXCEPT OVERALL LENGTH REDUCED BY USING SHORT BOOT. SEE TABULATION.

# NORTHROP

## ENGINEERING STANDARD

Northrop Corporation  
Aircraft Division

PAGE NO. 18.40

MATERIAL: SHELL - ALUMINUM ALLOY PER QQ-A-200/8.  
INSERT - RESILIENT, PER MIL-R-3065 AND MIL-STD-417, DUROMETER HARDNESS 65 TO 85.  
CONTACTS - COPPER ALLOY, STAINLESS STEEL SPRINGS ON SOCKET CONTACTS.

FINISH: SHELL - CADMIUM PLATE, OLIVE DRAB IRIDITE.  
INSERT - AS MOLDED.  
CONTACTS - .00003 GOLD OVER .0002 SILVER PLATE.

PROCUREMENT: BENDIX CORP., ELECTRICAL COMPONENTS DIV., SIDNEY, N.Y. (CODE IDENT NO. 77820).

NOTES: UNLESS OTHERWISE SPECIFIED:

1. CONNECTOR FINISH IS CONDUCTIVE.
2. SIZE 16 CONTACTS ARE RATED AT 22 AMPERES AND SIZE 20 ARE RATED AT 7 1/2 AMPERES.
3. CONNECTOR CANNOT WITHSTAND FULL RATED CURRENT THROUGH ALL CONTACTS CONTINUOUSLY.
4. FOR THE CRIMPED "CP" CONNECTORS, THE STANDARD POTTING BOOT IS TINTED GREEN, THE SHORT (351) BOOT IS WHITE OR NATURAL COLOR.
5. BENDIX DRAWING NUMBERS: SHORT ASSEMBLY - 71-263745/50  
LONG ASSEMBLY - 71-310606/50  
SHORT BOOT - 10-150913-  
LONG BOOT - 10-195999-  
THREADED RING - 10-330915- ⑨
6. WIRING AND ASSEMBLY PER PROCESS SPECIFICATION EL-13.

PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR, PLUG, ELECTRICAL  
PYGMY, STRAIGHT, CRIMPED

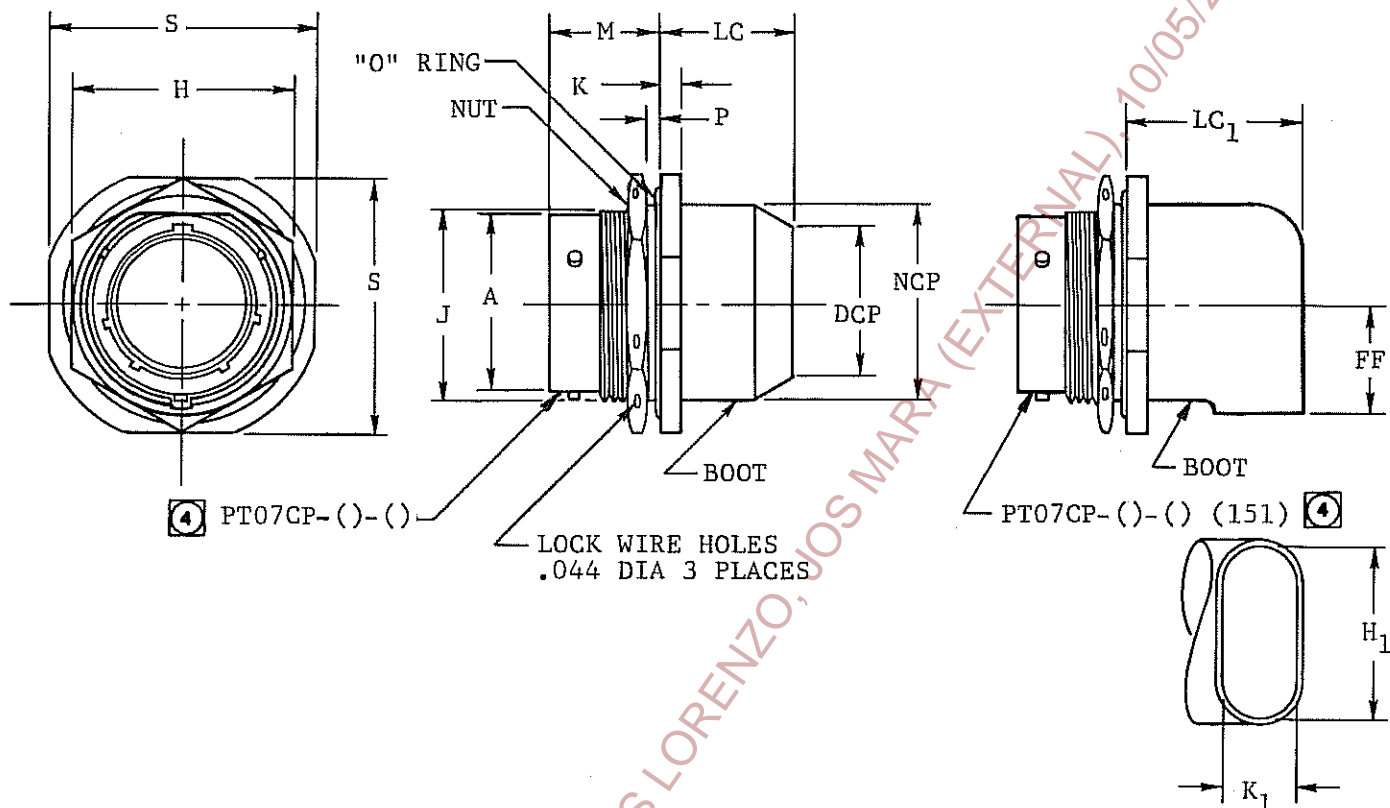
CODE IDENT  
NO. 76823

91C100  
SHEET 7 OF 15

DATE OF ISSUE: 3 JAN 63 REV. ⑧ 31 MAR 72 ⑨ 27 OCT 72

NOT A PART NUMBER



**ENGINEERING STANDARD**

COMMERCIAL PART NUMBER	SHELL SIZE	A DIA +.001 -.005	H HEX +.017 -.016	J FLAT +.000 -.010	K ±.016	M ±.016	P PANEL THICKNESS		S ±.016
							MIN	MAX	
PT07CP-8-()	8	.473	.750	.530	.109	.696	.062	.125	.938
PT07CP-10-()	10	.590	.875	.655	.109	.696	.062	.125	1.062
PT07CP-12-()	12	.750	1.062	.818	.109	.696	.062	.125	1.250
PT07CP-14-()	14	.875	1.188	.942	.109	.696	.062	.125	1.375
PT07CP-16-()	16	1.000	1.312	1.066	.109	.696	.062	.125	1.500
PT07CP-18-()	18	1.125	1.438	1.191	.109	.696	.062	.125	1.625
PT07CP-20-()	20	1.250	1.562	1.316	.140	.884	.062	.250	1.812
PT07CP-22-()	22	1.375	1.688	1.441	.140	.884	.062	.250	1.938
PT07CP-24-()	24	1.500	1.812	1.566	.140	.917	.062	.250	2.062

COMMERCIAL PART NUMBER	LC ±.031	NCP DIA MAX	DCP DIA MIN	LC1 ±.031	FF	H1	K1
PT07CP-8-()	.828	.608	.317	.821	.625	.484	.250
PT07CP-10-()	.828	.734	.434	.879	.688	.615	.272
PT07CP-12-()	.828	.858	.548	1.083	.625	.772	.272
PT07CP-14-()	.828	.984	.673	1.066	.562	.850	.303
PT07CP-16-()	.828	1.110	.798	1.071	.750	.975	.375
PT07CP-18-()	.828	1.234	.899	1.128	.688	1.110	.550
PT07CP-20-()	.921	1.360	1.024	1.170	.815	1.235	.582
PT07CP-22-()	.921	1.484	1.149	1.170	.812	1.360	.582
PT07CP-24-()	.921	1.610	1.274	1.355	1.000	1.485	.630

PROCUREMENT  
SPECIFICATION  
MIL-C-26482CONNECTOR, RECEPTACLE, ELECTRICAL,  
PYGMY, JAM NUT MOUNTING, CRIMPEDCODE IDENT  
NO. 7682391C100  
SHEET 8 OF 15



**Northrop Corporation**  
**Aircraft Division**

# ENGINEERING STANDARD

EXAMPLES OF PART NUMBERS:

④ PT07CP-10-6S(I51) SAME AS ABOVE EXCEPT THE BOOT IS 90°.

FINISH: SHELL - CADMIUM PLATE, OLIVE DRAB IRIDITE.  
INSERT - AS MOLDED.  
CONTACTS - .00003 GOLD OVER COPPER.

PROCUREMENT: BENDIX CORP, ELECTRICAL COMPONENTS DIV, SIDNEY, NY  
(CODE IDENT NO. 77820).

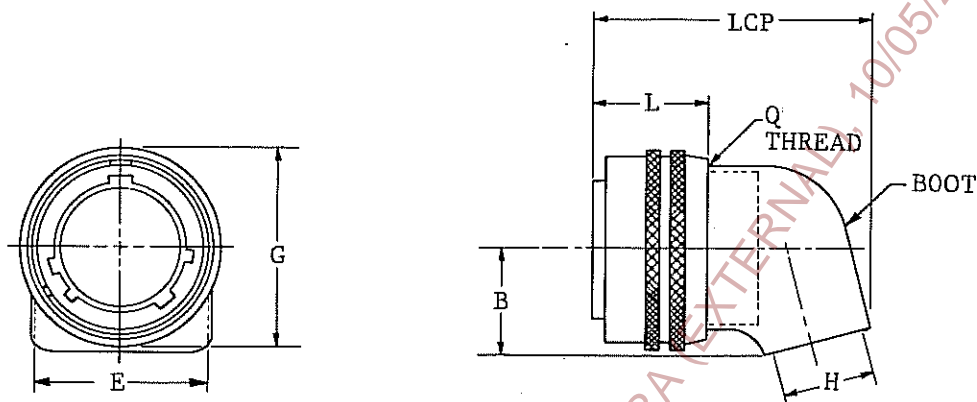
NOTES: UNLESS OTHERWISE SPECIFIED:

1. FOR CUTOUT USE 30Z594-5-().
2. CONNECTOR FINISH IS CONDUCTIVE.
- 4 3. THE STRAIGHT BOOT INCLUDED WITH THIS CONNECTOR IS BENDIX PART NUMBER 10-150913-(). THE RIGHT ANGLE BOOT INCLUDED WITH (151) IS BENDIX PART NUMBER 10-285988-().
4. THIS CONNECTOR DOES NOT HAVE A THREADED BACK SHELL. THE BOOT IS CONNECTED DIRECTLY TO THE SHELL WITHOUT THE USUAL THREADED RING.
- 4 5. THE BENDIX DRAWING FOR THE STRAIGHT ASSEMBLY IS 71-310706/50, FOR THE RIGHT ANGLE (151) ASSEMBLY THE NUMBER IS 71-490650/59.
6. SAFETY WIRING IS REQUIRED FOR THE NUT.

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DATE OF ISSUE: 3 JAN 63 REV **(3)** 31 MAR 72 **(4)** 30 AUG 74

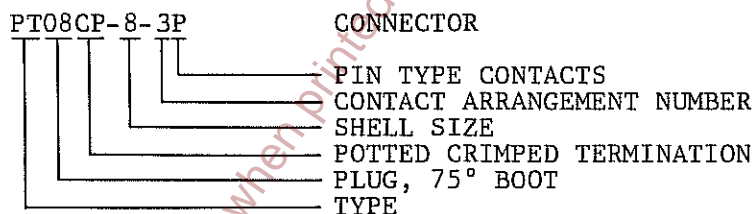
NOT A PART NUMBER

**NORTHROP**Northrop Corporation  
Aircraft Division**ENGINEERING STANDARD**

COMMERCIAL PART NUMBER	B ±.025	G +.000 -.047	H ±.015	L ±.062	Q THREAD CLASS 2A	LCP ±.078	LCP (351) ±.078	E
PT08CP-8-()	.469	.734	.312	.906	.4375-28 UNEF	1.827	1.577	.438
PT08CP-10-()	.547	.844	.438	.906	.5625-24 NEF	1.944	1.694	.562
PT08CP-12-()	.625	1.016	.516	.906	.6875-24 NEF	2.048	1.798	.688
PT08CP-14-()	.734	1.141	.625	.906	.8125-20 UNEF	2.099	1.849	.781
PT08CP-16-()	.750	1.266	.656	.906	.9375-20 UNEF	2.149	1.899	.890
PT08CP-18-()	.781	1.375	.703	.906	1.0625-18 NEF	2.207	1.959	1.000
PT08CP-20-()	.859	1.516	.766	1.062	1.1875-18 NEF	2.289	2.164	1.125
PT08CP-22-()	.906	1.641	.812	1.062	1.3125-18 NEF	2.319	2.194	1.234
PT08CP-24-()	1.169	1.761	.918	1.062	1.437-18 NEF	2.697	2.572	1.374

CODE: ADD (351) AFTER THE "P", "S" OR ALTERNATE POSITION LETTER IN THE LAST DASH NUMBER TO OBTAIN THE SHORT POTTING BOOT.

EXAMPLE OF PART NUMBER:



PT08CP-8-3P(351)

SAME AS ABOVE EXCEPT OVERALL LENGTH REDUCED BY USING SHORT BOOT. SEE TABULATION.

PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR, PLUG, ELECTRICAL,  
PYGMY, 75°, CRIMPED

CODE IDENT  
NO. 76823

91C100  
SHEET 10 OF 15 (2)

# NORTHROP

## ENGINEERING STANDARD

Northrop Corporation  
Aircraft Division

PAGE NO. 18.413

MATERIAL: SHELL - ALUMINUM ALLOY PER QQ-A-200/8.  
INSERT - RESILIENT, PER MIL-R-3065 AND MIL-STD-417, DUROMETER HARDNESS 65 TO 85.  
CONTACTS - COPPER ALLOY, STAINLESS STEEL SPRINGS ON SOCKET CONTACTS.

FINISH: SHELL - CADMIUM PLATE, OLIVE DRAB IRIDITE.  
INSERT - AS MOLDED.  
CONTACTS - .00003 GOLD OVER .0002 SILVER PLATE.

PROCUREMENT: BENDIX CORP., ELECTRICAL COMPONENTS DIV., SIDNEY, N.Y. (CODE IDENT NO. 77820).

NOTES: UNLESS OTHERWISE SPECIFIED:

1. CONNECTOR FINISH IS CONDUCTIVE.
2. SIZE 16 CONTACTS ARE RATED AT 22 AMPERES AND SIZE 20 ARE RATED AT 7 1/2 AMPERES.
3. CONNECTOR CANNOT WITHSTAND FULL RATED CURRENT THROUGH ALL CONTACTS CONTINUOUSLY.
4. DO NOT USE THE SHORT BOOT (351) WHERE A LARGE NUMBER OF WIRES OR LARGE DIAMETER WIRES WOULD RESULT IN TOO SHARP A BEND IN THE WIRES.
5. FOR THE CRIMPED "CP" CONNECTORS, THE STANDARD POTTING BOOT IS TINTED GREEN, THE SHORT (351) BOOT IS WHITE OR NATURAL COLOR.
6. WIRING AND ASSEMBLY PER PROCESS SPECIFICATION EL-13.
7. BENDIX DRAWING NUMBERS: SHORT ASSEMBLY - 71-441775/89  
LONG ASSEMBLY - 71-310806/50  
SHORT BOOT - 10-101988-  
LONG BOOT - 10-193988-  
THREADED RING - 10-330915- 4

PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR. PLUG. ELECTRICAL.  
PYGMY. 75°. CRIMPED

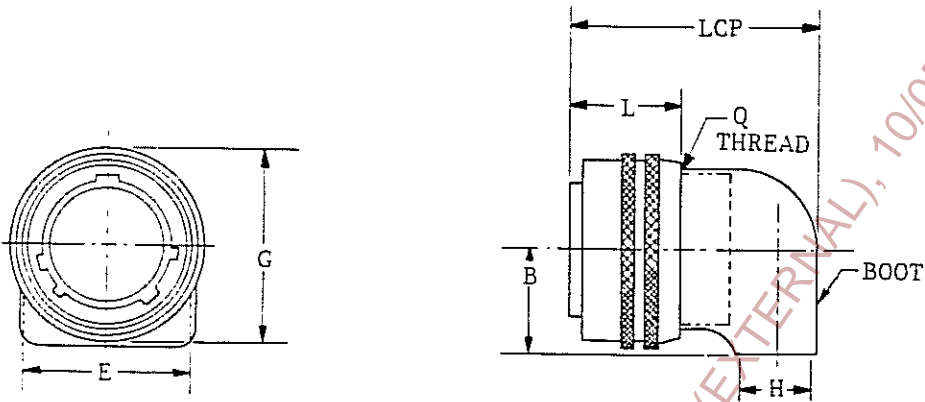
CODE IDENT  
NO. 76823

91C100  
SHEET 11 OF 15

DATE OF ISSUE: 3 JAN 63 REV. 3 31 MAR 72 4 27 OCT 72

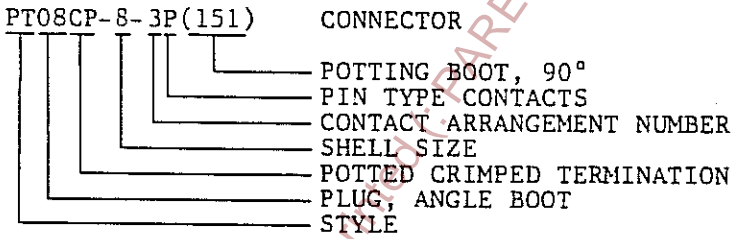
NOT A PART NUMBER

ENGINEERING STANDARD



COMMERCIAL PART NUMBER	B	G	H	E	LCP	L	Q THREAD CLASS 2A
		+ .000 - .047	± .020	± .020	± .078		
PT08CP-8-()(151)	.625	.734	.250	.484	1.437	.906	.4375-28 UNEF
PT03CP-10-()(151)	.688	.844	.272	.615	1.500	.906	.5625-24 NEF
PT05CP-12-()(151)	.625	1.016	.272	.772	1.719	.906	.6875-24 NEF
PT08CP-14-()(151)	.562	1.141	.303	.850	1.687	.906	.8125-20 UNEF
PT05CP-16-()(151)	.750	1.266	.375	.975	1.687	.906	.9375-20 UNEF
PT05CP-18-()(151)	.688	1.375	.550	1.110	1.750	.906	1.0625-18 NEF
PT05CP-20-()(151)	.575	1.516	.582	1.235	1.812	1.062	1.1875-18 NEF
PT05CP-22-()(151)	.812	1.641	.582	1.360	1.812	1.062	1.3125-18 NEF
PT05CP-24-()(151)	1.000	1.761	.630	1.485	2.094	1.062	1.4375-18 NEF

EXAMPLE OF PART NUMBER:



# NORTHROP

## ENGINEERING STANDARD

Northrop Corporation  
Aircraft Division

PAGE NO. 18.415

MATERIAL: SHELL - ALUMINUM ALLOY PER QQ-A-200/8.  
INSERT - RESILIENT, PER MIL-R-3065 AND MIL-STD-417, DUROMETER HARDNESS 65 TO 85.  
CONTACTS - COPPER ALLOY, STAINLESS STEEL SPRING IN SOCKET CONTACTS.

FINISH: SHELL - CADMIUM PLATE PER QQ-P-416, OLIVE DRAB IRIDITE.  
INSERT - AS MOLDED.  
CONTACTS - .00003 GOLD OVER .0002 SILVER PLATE.

PROCUREMENT: BENDIX CORP., ELECTRICAL COMPONENTS DIV., SIDNEY, N.Y. (CODE IDENT NO. 77820).

NOTES: UNLESS OTHERWISE SPECIFIED:

1. CONNECTOR FINISH IS CONDUCTIVE.
2. SIZE 16 CONTACTS ARE RATED AT 22 AMPERES AND SIZE 20 ARE RATED AT 7 1/2 AMPERES.
3. CONNECTOR CANNOT WITHSTAND FULL RATED OPERATION CONTINUOUSLY.
4. WIRING AND ASSEMBLY PER PROCESS SPECIFICATION EL-13.
5. BENDIX DRAWING NUMBERS: ASSEMBLY - 71-290645/59  
BOOT - 10-285988-  
THREADED RING - 10-330915- 3

PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR, PLUG, ELECTRICAL,  
PYGMY, 90°, CRIMPED

CODE IDENT  
NO. 76823

91C100  
SHEET 13 OF 15 2

DATE OF ISSUE: 3 JAN 63 REV. 2 31 MAR 72 3 27 OCT 72

NOT A PART NUMBER

**NORTHROP**Northrop Corporation  
Aircraft Division**ENGINEERING STANDARD**

INSERT ARRANGEMENTS

INSERT ARRANGEMENT	TOTAL CONTACTS	CONTACT SIZE	
		20	16
8-2	2	2	
8-3	3	3	
8-4	4	4	
10-6	6	6	
10-98	6	6	
12-3	3		3
12-8	8	8	
12-10	10	10	
14-5	5		5
14-12	12	8	4
14-15	15	14	1
14-18	18	18	
14-19	19	19	
16-8	8		8
16-23	23	22	1
16-26	26	26	
18-11	11		11
18-30	30	29	1
18-32	32	32	
20-16	16		16
20-27	27	27	
20-39	39	37	2
20-41	41	41	
22-21	21		21
22-32	32	32	
22-55	55	55	
24-61	61	61	

ALTERNATE INSERT POSITIONS

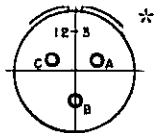
SHELL SIZE	INSERT ARRANGEMENT	W	X	Y	Z
8	8-2	X	X		
8	8-3	X	X		
8	8-4	X			
10	10-6	X			
10	10-98	X	X	X	X
12	12-3			X	
12	12-8	X	X	X	X
12	12-10	X	X	X	X
14	14-5	X	X	X	X
14	14-12	X	X		
14	14-15	X	X	X	X
14	14-18	X	X	X	X
14	14-19	X	X	X	
16	16-8	X	X	X	X
16	16-23	X	X		
16	16-26	X		X	X
18	18-11	X	X	X	X
18	18-30	X	X	X	X
18	18-32	X	X	X	X
20	20-16	X	X	X	X
20	20-27	X	X	X	X
20	20-39	X	X	X	X
20	20-41	X	X	X	
22	22-21	X	X	X	X
22	22-32	X	X	X	X
22	22-55	X	X	X	X
24	24-61	X	X	X	X

## NOTES: UNLESS OTHERWISE SPECIFIED:

1. TO PREVENT CROSS PLUGGING OF CIRCUITS IN APPLICATIONS REQUIRING THE USE OF MORE THAN ONE CONNECTOR OF THE SAME SIZE AND ARRANGEMENT THE ABOVE ALTERNATE INSERT TABLE SHOULD BE USED. THE TABLE INDICATES THE AVAILABLE ALTERNATE POSITIONS FOR EACH ARRANGEMENT.
2. DO NOT CONFUSE WITH "AND" ALTERNATE POSITIONS.
3. SEE MS33708 THROUGH MS33716 FOR PREFERRED MS INSERT ARRANGEMENTS.
4. TO ORDER ALTERNATE INSERT POSITION, ADD DESIRED CODE LETTER SUFFIXED TO LAST DASH NUMBER OF CONNECTOR PART NUMBER.

PROCUREMENT  
SPECIFICATION  
MIL-C-26482CONNECTOR, ELECTRICAL, PYGMY, CRIMPED,  
CONTACT DATA AND INSERT ARRANGEMENTSCODE IDENT  
NO. 7682391C100  
SHEET 14 OF 15 ①

## ENGINEERING STANDARD



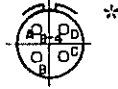
SERVICE II  
12-3



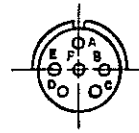
SERVICE I  
8-2



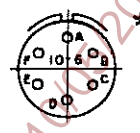
SERVICE I  
8-3



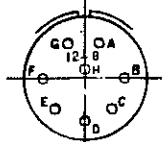
SERVICE I  
8-4



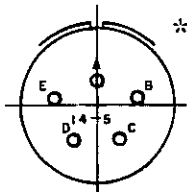
SERVICE I  
10-98



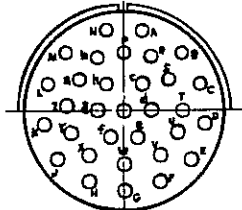
SERVICE I  
10-6



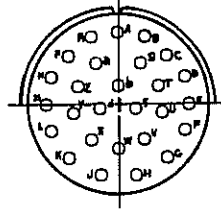
SERVICE I  
12-8



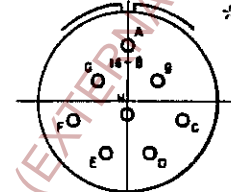
SERVICE II  
14-5



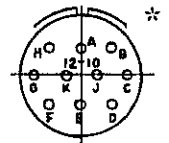
SERVICE I  
22-32



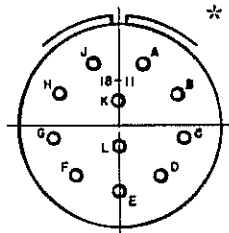
SERVICE I  
20-27



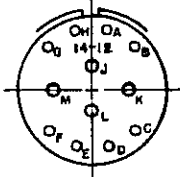
SERVICE II  
16-8



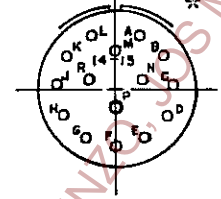
SERVICE I  
12-10



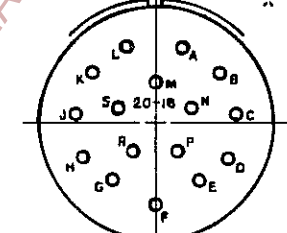
SERVICE II  
18-11



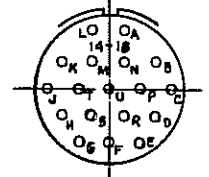
SERVICE I  
14-12



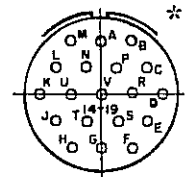
SERVICE I  
14-15



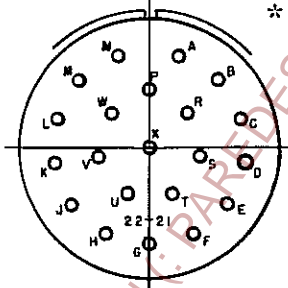
SERVICE II  
20-16



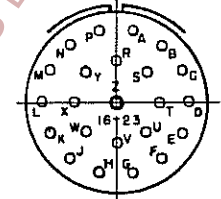
SERVICE I  
14-18



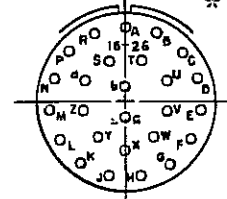
SERVICE I  
14-19



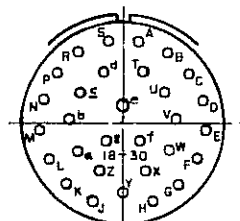
SERVICE II  
22-21



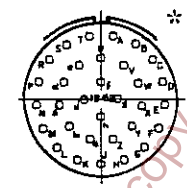
SERVICE I  
16-23



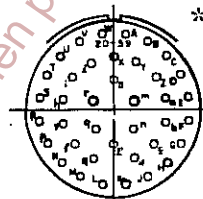
SERVICE I  
16-26



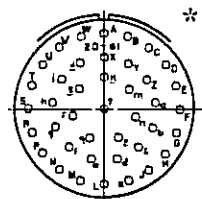
SERVICE I  
18-30



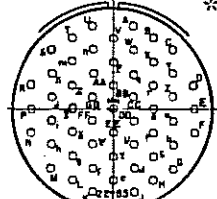
SERVICE I  
18-32



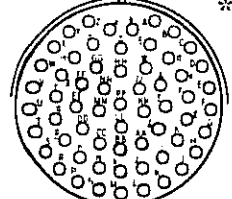
SERVICE I  
20-39



SERVICE I  
20-41



SERVICE I  
22-55



SERVICE I  
24-61

NOTES: UNLESS OTHERWISE SPECIFIED:

1. ILLUSTRATIONS ARE NOT TO SCALE.

2. VIEWS ARE LOOKING INTO FRONT OF CONNECTOR.

\*3. THE ASTERISKED ARRANGEMENTS ARE "MS" ARRANGEMENTS AND ARE PREFERRED, SEE MS33708 THROUGH MS33716.

PROCUREMENT  
SPECIFICATION  
MIL-C-26482

CONNECTOR, ELECTRICAL; PYGMY, CRIMPED,  
CONTACT ARRANGEMENTS AND SERVICE RATING

CODE IDENT  
NO. 76823

91C100  
SHEET 15 OF 15



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