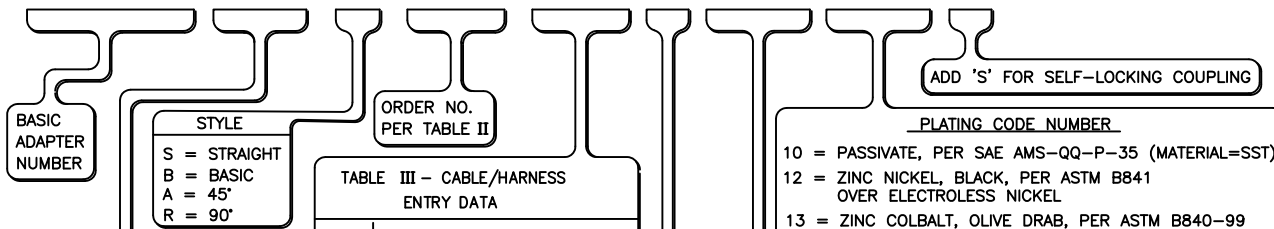


*Example Part Number*

**271 41 S 16 1 0 1 0 8 5 5 S**



**TABLE I - CONNECTOR CODE**

MILITARY SPECIFICATION	SERIES	CODE NO.
MIL-DTL-5015	3100	18
MIL-DTL-26482	1	21
MIL-DTL-26482	I (07)	24
MIL-DTL-28840	-	30
MIL-DTL-38999	III & IV	40
MIL-DTL-38999	I & II	41
MIL-DTL-26482	2	54
MIL-DTL-5015	3400	54
MIL-C-81703	3	54
MIL-DTL-83723	I	54
MIL-DTL-83723	III	54
NAS1599	-	54
LITTON VEAM CIR	-	64
AB 05	DEF. STD. 59-35 PART 1, SEC. 3	76
PATT 121	DEF. STD. 59-35 PART 1, SEC. 8	78

**TABLE III - CABLE/HARNESS ENTRY DATA**

ENTRY ORDER NO.	EMP BAND		BOOT P/N REF
	Z +.010 -.020 DIA.	W ±.010 DIA.	
0 2	.125	.312	N/A
0 3	.188	.375	152-42-G-W24
0 4	.250	.438	152-42-G-W24
0 5	.312	.500	152-42-G-W24
0 6	.375	.562	152-42-G-W24
0 7	.438	.625	154-42-G-W24
0 8	.500	.688	154-42-G-W24
0 9	.562	.750	154-42-G-W24
1 0	.625	.812	154-42-G-W24
1 2	.750	.938	155-42-G-W24
1 3	.812	1.000	156-42-G-W24
1 4	.875	1.062	156-42-G-W24
1 6	1.000	1.188	156-42-G-W24
1 7	1.062	1.250	157-43-G-W24
1 8	1.125	1.312	157-43-G-W24
1 9	1.188	1.375	157-43-G-W24
2 0	1.250	1.438	157-43-G-W24
2 2	1.375	1.562	158-43-G-W24
2 3	1.438	1.625	158-43-G-W24
2 4	1.500	1.688	158-43-G-W24

**PLATING CODE NUMBER**

10 = PASSIVATE, PER SAE AMS-QQ-P-35 (MATERIAL=SST)  
 12 = ZINC NICKEL, BLACK, PER ASTM B841 OVER ELECTROLESS NICKEL  
 13 = ZINC COLBALT, OLIVE DRAB, PER ASTM B840-99  
 55 = CADMIUM, OLIVE DRAB, PER SAE-AMSQQ-P-416, TYPE , CLASS 3, OVER ELECTROLESS NICKEL  
 56 = ELECTROLESS NICKEL PER SAE-AMS-2404F, WITH IRIDITE CONVERSION  
 FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

**LENGTH CODE NUMBER**

SELECT LENGTH IN 1/4" INCREMENTS (ie; 08=2.00", 09=2.25", etc.)  
 00 FOR 45° & 90° ADAPTERS ( STYLES A & R )


MIN. AVAIL. LENGTH	CONNECTOR CODES (TABLE I)
1.000	40, 41, 54,
1.250	18, 21, 24, 76, 78
1.500	30, 64

**TERMINATION NUMBER**

1 = ADAPTER ONLY  
 4 = ADAPTER w/ 1/4" EMP BAND (REF. 214L0002)  
 5 = ADAPTER w/ 1/4" EMP BAND AND SHRINK BOOT (REF 214L0002)  
 6 = ADAPTER w/ 1/8" EMP BAND AND SHRINK BOOT (REF 214L0005)  
 7 = ADAPTER w/ 1/4" EMP BAND AND (REF 214L0006)  
 8 = ADAPTER w/ 1/8" EMP BAND (REF. 214L0005)  
 9 = ADAPTER w/ 1/4" EMP BAND AND SHRINK BOOT (REF 214L0006)  
 CONSULT FACTORY FOR TERMINATION NUMBER NOT SHOWN




**TABLE II – CONNECTOR CODE 21  
 MIL-C-26482, SERIES I**

ORDER NO.	SHELL SIZE	<i>A</i> UNIFIED THD. CLASS 2B	<i>B</i> MAX. DIA.	<i>D</i> MAX.	<i>E</i> MAX.	<i>F</i> MAX.	<i>G</i> MAX.	
0 8	8	.438-28	.703	.62	1.15	1.00	1.38	0 4
1 0	10	.562-24	.827	.63	1.17	1.13	1.44	0 6
1 2	12	.688-24	.953	.66	1.20	1.25	1.50	0 8
1 4	14	.812-20	1.077	.69	1.23	1.38	1.56	1 0
1 6	16	.938-20	1.203	.71	1.25	1.50	1.63	1 2
1 8	18	1.062-18	1.327	.74	1.26	1.63	1.69	1 4
2 0	20	1.188-18	1.453	.76	1.29	1.75	1.75	1 6
2 2	22	1.312-18	1.577	.79	1.32	1.88	1.81	1 8
2 4	24	1.438-18	1.703	.82	1.34	2.00	1.88	2 0

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS – ALUM. ALLOY OR SST  
 O’RING – SILICONE

 4. WHEN ENTRY SIZE EXCEEDS CONNECTOR INSERT DIAMETER  
 A STEP-UP CONFIGURATION WILL BE SUPPLIED.



**TABLE II – CONNECTOR CODE 40  
 MIL-DTL-38999, SERIES III & IV**

ORDER NO.	SHELL SIZE		<i>A</i> METRIC THD. CLASS 6H	<i>B</i> MAX. DIA.	<i>D</i> MAX.	<i>E</i> MAX.	<i>F</i> MAX.	<i>G</i> MAX.	△ 4.
	COM'L.	MIL.							
0 8	9	A	M12 x 1.0	.703	.52	.997	.84	1.38	0 4
1 0	11	B	M15 x 1.0	.827	.54	1.023	.97	1.44	0 6
1 2	13	C	M18 x 1.0	.953	.57	1.048	1.09	1.50	0 8
1 4	15	D	M22 x 1.0	1.077	.59	1.074	1.22	1.56	1 0
1 6	17	E	M25 x 1.0	1.203	.62	1.100	1.34	1.63	1 2
1 8	19	F	M28 x 1.0	1.327	.63	1.113	1.41	1.69	1 4
2 0	21	G	M31 x 1.0	1.453	.66	1.152	1.53	1.75	1 6
2 2	23	H	M34 x 1.0	1.577	.68	1.178	1.66	1.81	1 8
2 4	25	J	M37 x 1.0	1.703	.71	1.204	1.78	1.88	2 0

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS – ALUM. ALLOY OR SST  
 O’RING – SILICONE

△  
 4. WHEN ENTRY SIZE EXCEEDS CONNECTOR INSERT DIAMETER  
 A STEP-UP CONFIGURATION WILL BE SUPPLIED.

5. ADAPTERS MEET AND/OR EXCEEDS PERFORMANCE REQUIREMENTS  
 OF AS85049C CATEGORY 3B
6. INTERFACE PER AS85049 FIGURE 3.



**TABLE II – CONNECTOR CODE 41  
 MIL-C-38999, SERIES I & II**

ORDER NO.	SHELL SIZE		<i>A</i> UNIFIED THD. CLASS 2B	<i>B</i> MAX. DIA.	<i>D</i> MAX.	<i>E</i> MAX.	<i>F</i> MAX.	<i>G</i> MAX.	△ 4.
	SER. II	SER. I							
0 8	8	9	.438-28	.703	.52	1.15	.84	1.38	0 4
1 0	10	11	.562-24	.827	.54	1.17	.97	1.44	0 6
1 2	12	13	.688-24	.953	.57	1.20	1.09	1.50	0 8
1 4	14	15	.812-20	1.077	.59	1.23	1.22	1.56	1 0
1 6	16	17	.938-20	1.203	.62	1.25	1.34	1.63	1 2
1 8	18	19	1.062-18	1.327	.63	1.26	1.41	1.69	1 4
2 0	20	21	1.188-18	1.453	.66	1.29	1.53	1.75	1 6
2 2	22	23	1.312-18	1.577	.68	1.32	1.66	1.81	1 8
2 4	24	25	1.438-18	1.703	.71	1.34	1.78	1.88	2 0

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS – ALUM. ALLOY OR SST  
 O’RING – SILICONE

△  
4. WHEN ENTRY SIZE EXCEEDS CONNECTOR INSERT DIAMETER  
 A STEP-UP CONFIGURATION WILL BE SUPPLIED.



**TABLE II – CONNECTOR CODE 54**

MIL-C-26482, SERIES 2  
 MIL-C-5015G, 3400 SERIES  
 MIL-C-81703, SERIES 3  
 MIL-C-83723, SERIES I & III  
 NAS1599

ORDER NO.	SHELL SIZE		A UNIFIED THD. CLASS 2B	B MAX. DIA.	D MAX.	E MAX.	F MAX.	G MAX.	△4.
	△6.	△5.							
0 3	3	—	.562-24	.71	.55	1.15	.84	1.38	0 4
0 8	—	8,8S	.500-20	.71	.55	1.15	.84	1.38	0 4
1 0	—	10,10S,10SL	.625-24	.78	.57	1.17	.97	1.44	0 6
1 2	7	12,12S	.750-20	.90	.60	1.20	1.09	1.50	0 8
1 4	12	14,14S	.875-20	1.03	.61	1.21	1.22	1.56	0 9
1 6	19	16,16S	1.000-20	1.15	.64	1.24	1.34	1.63	1 2
1 8	27	18	1.062-18	1.23	.65	1.25	1.34	1.63	1 2
2 0	37	20	1.188-18	1.36	.68	1.28	1.47	1.69	1 4
2 2	—	22	1.312-18	1.48	.70	1.30	1.59	1.75	1 6
2 4	—	24	1.438-18	1.61	.73	1.33	1.72	1.81	1 8
2 8	—	28	1.750-18	1.99	.78	1.38	1.97	1.88	2 4
3 2	—	32	2.000-18	2.24	.83	1.43	2.22	2.00	2 4
3 6	—	36	2.250-16	2.49	.86	1.46	2.34	2.13	2 4
4 0	—	40	2.500-16	2.74	.91	1.51	2.59	2.25	2 4
4 4	—	44	2.750-16	2.99	.96	1.56	2.84	2.38	2 4
4 8	—	48	3.000-16	3.24	1.01	1.61	3.09	2.50	2 4
6 1	61	—	1.500-18	1.67	.74	1.34	1.78	1.88	1 9

NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLY IDENT. PER MIL-STD-1285.
2. MATERIAL: COMPONENTS – ALUM. ALLOY OR SST

△3. O-RING NOT REQUIRED PER AS85049.

△4. WHEN ENTRY SIZE EXCEEDS CONNECTOR INSERT DIAMETER A STEP-UP CONFIGURATION WILL BE SUPPLIED.

△5. SIZES PER MIL-C-5015 (3400 SERIES), MIL-C-26482 (SERIES 2), MIL-C-83723

△6. (SERIES I & III), & NAS1599. SIZES PER MIL-C-81703, SERIES 3.