



DWG. NO.		AE333		REVISION		G		1	
ECO NO.	LTR	DESCRIPTION				DATE	APPROVED		
10467	G	SEE ECO				6/30/15	H.J.		

AERO ELECTRIC PART NUMBER

AE333 X-XX X X

CHAIN/ROPE LENGTH
 BLANK - FOR STANDARD LENGTH "F"
 1 = 1"
 2 = 2"
 3 = 3"
 4 = 4"
 6 = 6"
 7 = 7"
 ANY OTHER LENGTH IN INCHES (TO BE ASSIGNED BY REQUEST)

STYLE
 A - NO ATTACHMENT
 C - CHAIN ASSEMBLY
 R - WIRE ROPE ASSEMBLY
 N - WIRE ROPE/ANGLED RING ASSEMBLY
 F - WIRE ROPE/RING ASSEMBLY
 G - NYLON ROPE ASSEMBLY

SHELL SIZE
 9 THRU 25 (NOTE: SINGLE DIGIT FOR SHELL SIZE 9)

CONNECTOR CLASS
 W - ALUMINUM, CADMIUM OLIVE DRAB
 F - ALUMINUM, ELECTROLESS NICKEL PLATE
 K - STAINLESS STEEL, PASSIVATED
 S - STAINLESS STEEL, ELECTRODEPOSITED NICKEL PLATE
 BN - ALUMINUM, BLACK NICKEL PLATE, 500 HRS CORROSION RESISTANCE, -55°C TO +200°C
 BZ - ALUMINUM, BRONZE, 500 HRS CORROSION RESISTANCE, -55°C TO +200°C

AERO PRODUCT IDENTIFIER

SHELL SIZE	A THREAD CLASS 2B TRIPLE START	ØB MAX		ØC MAX		ØD MIN		E		F	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
9	.6250-0.1P-0.3L	.906	23.0	1.063	27.0	.695	17.64	.827 .709	21.00 18.00	5.000	127.00
11	.7500-0.1P-0.3L	1.102	28.0	1.260	32.0	.865	21.97	.886 .728	22.50 18.50	5.000	127.00
13	.8750-0.1P-0.3L	1.221	31.0	1.457	37.0	.989	25.12	.984 .925	25.00 23.50	5.000	127.00
15	1.0000-0.1P-0.3L	1.260	32.0	1.575	40.0	1.178	29.92	1.221 .984	31.00 25.00	5.000	127.00
17	1.1875-0.1P-0.3L	1.457	37.0	1.732	44.0	1.260	32.00	1.280 1.043	32.50 26.50	5.000	127.00
19	1.2500-0.1P-0.3L	1.535	39.0	1.811	46.0	1.428	36.27	1.339 1.102	34.00 28.00	5.000	127.00
21	1.3750-0.1P-0.3L	1.654	42.0	1.929	49.0	1.506	38.25	1.398 1.181	35.50 30.00	5.000	127.00
23	1.5000-0.1P-0.3L	1.772	45.0	2.126	54.0	1.678	42.62	1.476 1.240	37.50 31.50	5.000	127.00
25	1.6250-0.1P-0.3L	1.929	49.0	2.205	56.0	1.750	44.45	1.535 1.299	39.00 33.00	5.000	127.00

- 6 PROTECTIVE DISK APPLIES TO CONNECTOR CLASS W, STYLE C (CHAIN ASSY) ONLY.
- 5. ALL DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS IN [] ARE IN INCHES FOR REFERENCE.
- 4 STYLE "A" COVER IS DESIGNED LESS OPENING FOR FASTENER/ATTACHMENT.
- 3 WIRE/NYLON ROPE, WIRE ROPE/RING AND CHAIN ASSEMBLIES SHALL ROTATE FREELY ON FASTENER.
- 2 PULL TEST REQUIREMENTS: COVER AND WIRE/NYLON ROPE/RING/CHAIN ASSEMBLY SHALL WITHSTAND A DEAD WEIGHT TENSILE LOAD OF 25 LBS APPLIED TO THE END OF THE ROPE/RING/CHAIN ASSEMBLY TO BOTH, AXIAL AND LONGITUDINAL DIRECTIONS, AND, HELD FOR 5 MINUTES IN EACH DIRECTION. THERE SHALL BE NO SEPARATION OF THE WIRE/NYLON ROPE/CHAIN ASSEMBLY FROM THE COVER, OR, DAMAGE TO THE WIRE/NYLON ROPE/CHAIN ASSEMBLY.
- 1 MARKING: "AERO", AERO PART NUMBER AND MANUFACTURING DATE CODE SHALL BE MARKED IN APPROXIMATE LOCATION SHOWN.

MATERIAL:
 COVER, RECEPTACLE MACHINED ALUMINUM ALLOY
 STAINLESS STEEL
 BRONZE
 GASKET SILICONE ELASTOMER
 FASTENERS STAINLESS STEEL
 RING STAINLESS STEEL
 EYELET FITTINGS/CLEVISSES STAINLESS STEEL
 WIRE ROPE INSULATED STAINLESS STEEL
 NYLON ROPE NYLON, DIAMOND BRAID
 CHAIN STAINLESS STEEL
 PROTECTIVE DISK POLYETHYLENE

NOTES: UNLESS OTHERWISE SPECIFIED

ITEM NO.	QTY REQD	CAGE NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL OR FINISH	ZONE
PARTS LIST						
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS ANGULAR X ±.1 ± 0° 30' XX ±.01 FRACTIONS SEE ±.005 ± 1/32 DO NOT SCALE DRAWING				CONTRACT NO.		
NEXT ASSY		USED ON		DRAWN A.SHCHUR	DATE 10/28/10	 Aero Electric Connector Inc. 2280 208th Street Torrance, CA 90501
APPLICATION		FINISH		CHECK S.STRASER	DATE 11/05/10	
TREATMENT		CAD FILENAME: ENG\DRAWINGS\CUD\AE333.G		APPROVED H.JAMSHIDIAN	DATE 11/05/10	TITLE CUSTOMER USE DRAWING COVER, PROTECTIVE, RECEPTACLE MATES WITH D38999, SER.III, RECEPTACLE
SCALE NONE				SIZE D	CAGE NO. 59976	DWG. NO. AE333
SHEET 1 of 1						