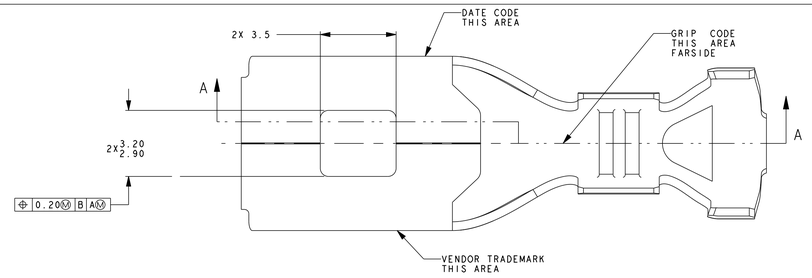
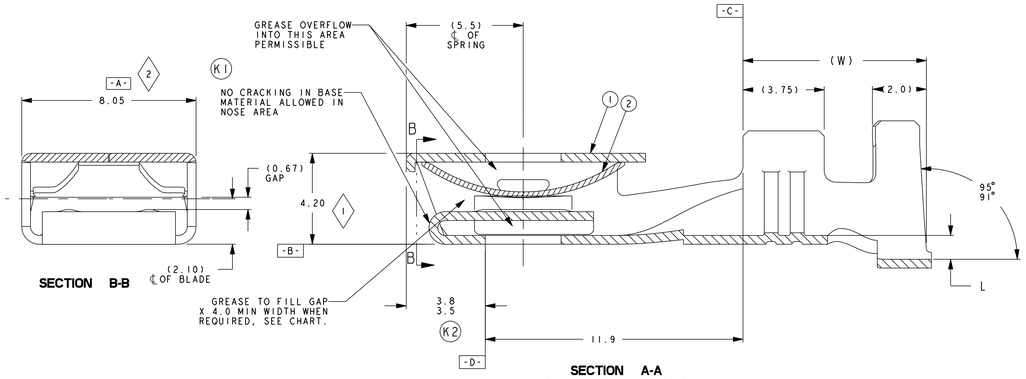
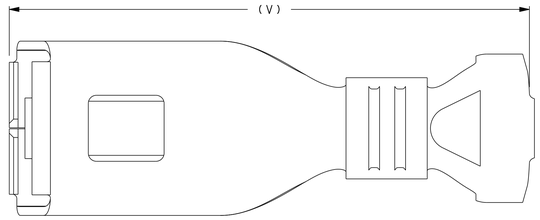
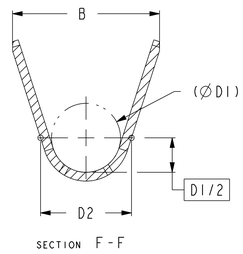




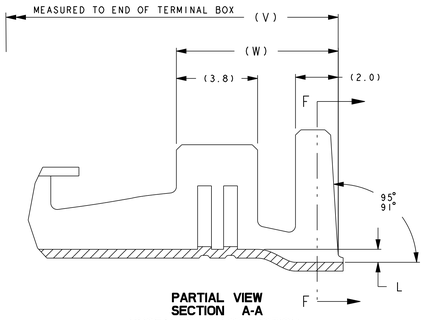
SECTION B-B

SECTION A-A
SEALED CONSTRUCTION



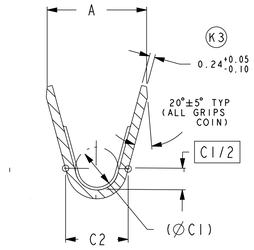


SECTION F-F

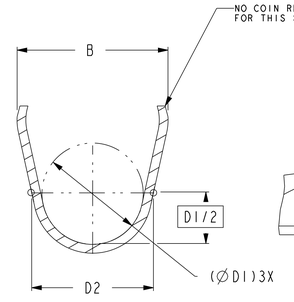


PARTIAL VIEW
SECTION A-A
UNSEALED CONSTRUCTION

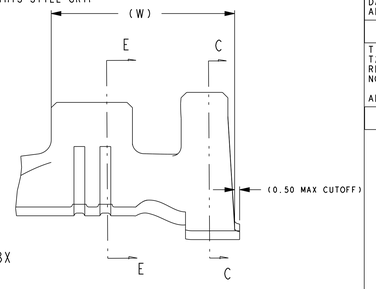
SCALE 1.000



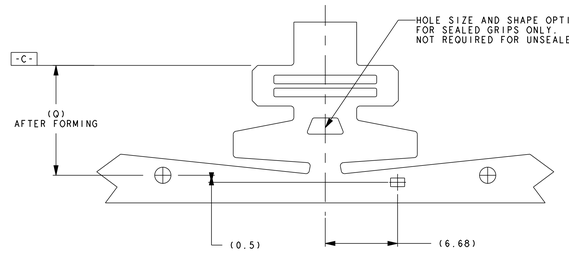
SECTION E-E
FOR SEALED & UNSEALED CONSTRUCTION CORE GRIP



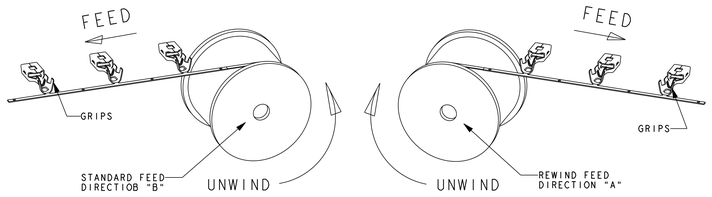
SECTION C-C
CABLE SEAL ONLY



CABLE SEAL VIEW
PARTIAL SECTION A-A



GRIP BLANK FOR SEALED AND UNSEALED CONSTRUCTION VIEW NOT TO SCALE



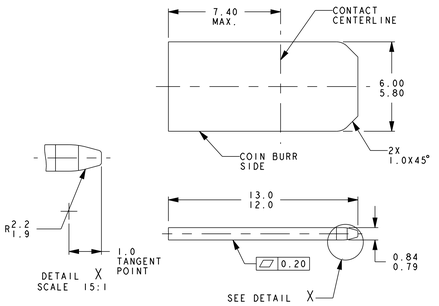
TERMINALS TO FEED AS SHOWN AFTER BEING REELED OFF PRODUCTION TOOL.
PACKAGING: PANCAKE REELS WITH PAPER INTERLEAF

NOTE: CUSTOMER REQUESTS FOR REWIND PARTS WILL INCLUDE AN "RW." AT THE END OF THE BILL OF MATERIAL (B.O.M.) PART NUMBER. EXAMPLE:
STANDARD WIND: FCI PART NUMBER
REVERSE WIND: FCI PART NUMBER THEN RWA.

THIS PART NUMBERING SYSTEM WILL BE AVAILABLE FOR ALL CHARTED PART NUMBERS.

REELING OPTIONS

MATING BLADE VIEW



MATERIAL: COPPER ALLOY 50% MIN I.A.C.S
TIN PLATED

NOTES:
1) (2) INDICATES SPC DIMENSION (2)
2) (K3) INDICATES CRITICAL INSPECTION DIMENSION (3)
3) MEETS ALL ES-F8DB-14A464-AA TEST SPECIFICATIONS.
4) TERMINAL SYMMETRICAL ABOUT CENTRELINE EXCEPT AS SHOWN.
5) DIMENSIONAL TOLERANCE:
   1 PLACE ±0.30
   2 PLACE ±0.13
   ANGULAR ±2°
6) PARTS CONFORM TO THE ELECTRICAL CONNECTION SUBSYSTEM DESIGN SPECIFICATION (SDS) REV 1.4 DATED 1-28-97 EXCEPT: EL-0070-TERMINAL PLATING MARK NOT SHOWN
7) FOR CAVITY SPECIFICATION INFORMATION REFERENCE FCI DRAWING NUMBER A25009
8) PART MUST COMPLY WITH AVP(T404/T406)

ITEM (1)
MATERIAL: 0.398±0.013 C194 COPPER ALLOY TO ASTM B-465
100% HALT TIN PLATED 0.0013/0.0038 THICK
TENSILE STRENGTH: 413-483 Mpa
YIELD STRENGTH: 379 Mpa MIN.
ELONGATION IN 51MM: 2%MIN.

ITEM (2)
MATERIAL: 0.254 ±0.010 C70260 TM04 COPPER TO ASTM B-422
100% HALT TIN OR 95/5 TIN SILVER PLATED 0.0013/0.0038 THICK
TENSILE STRENGTH: 689-862 Mpa
YIELD STRENGTH: 689 Mpa MIN.
ELONGATION IN 51MM: 1%MIN.

LTRS	REVISIONS			
ORIGINATOR	CHECKER	ENG APP	MATL APP	
M1 UPDATED DETAILS FOR CABLE SEAL P/NS FOR 10 GA & 12 GA DATE: 20080429 CAD:YES AELE-E-11786306-070				
VRB	RR			
N1 RELEASED P/N AU5T-14474-DAA DATE: 20090903 CAD:YES AELE-E-11786306-108				
VRB	RR			
P1 UPDATED DRAWING, NOTES, VIEWS. NO FUNCTIONAL CHANGES. DATE: 20100602 AELE-E-11786306-127				
R CUE	RR			
R1 RELEASED DU5T-14474-TA R2 UPDATED CHARTS, MATERIAL CALLOUT NO FUNCTIONAL CHANGES. DATE: 20110308 AELE-E-11786306-145				
R CUE	JB			
S1 ADDED CU5T-14474-RA NO FUNCTIONAL CHANGES. DATE: 20110812 AELE-E-11786306-160				
R CUE	JB			
T1 CORRECTED MATERIAL TYPE 1 CALLOUT T2 UPDATED GRIP CHART RELEASED P/N BU5T-14474-PAA, RAA, SAA NO FUNCTIONAL CHANGES. AELE-E-11786306-168				
R.CUE	JB			

FORD PART NO.	GREASE	GRIP CODE	WIRE SIZE METRIC	WIRE SIZE AWG	CONDUCTOR CRIMP WIDTH	CONDUCTOR CRIMP HEIGHT	INSULATION CRIMP WIDTH	INSULATION CRIMP HEIGHT	CABLE SEAL P/N
DU5T-14474-TA (F286010)	N/A	16	0.75	18	2.80	1.50	3.60	2.40	N/A
			1.00	---		1.55		2.60	
BU5T-14474-RAA (F560310)	NYE-8917		1.25	16		1.60		2.80	
			1.50	---		1.65		2.90	
CU5T-14474-RA (F409110)	N/A	12	2.50	---	3.10	2.05	3.80	3.30	N/A
BU5T-14474-PAA (F660310)	NYE-8917								
IL5T-14474-AA (54001200)		12	2.0	14	3.10	1.95	5.10	4.90	USE XL3T-14603-BA FOR HEAVY WALL APPLICATIONS. (3.8-4.7 INSULATION O.D.) USE IL5T-14603-BA FOR THIN WALL APPLICATIONS. (3.10-4.10 INSULATION O.D.)
			3.0	12		2.05		5.10	
AU5T-14474-DAA (FCI: F803600)	NYE-8917	12	2.0	14	3.10	1.95	5.10	4.90	
			3.0	12		2.05		5.10	
XL3T-14474-BA (FCI: 54001004)		10	4.0	10	3.85	2.35	6.10	5.60	
			5.0			2.45		5.70	
			6.0			2.60		5.90	
4L3T-14474-BA (FCI: 54001021)	NYE-8917	10	4.0	10	3.85	2.35	6.10	5.60	
			5.0			2.45		5.70	
			6.0			2.60		5.90	
YF1T-14474-BA (FCI: 54001007)	N/A	10	4.0	10	3.85	2.35	4.15	4.35	N/A
BU5T-14474-SAA (FCI: FT60310)	NYE-8917		5.0			2.45		4.60	
			6.0			2.60		4.70	

A ±0.4	B ±0.4	(ØC1)	C2	(ØD1)	D2	L	(Q)	(V)	(W)	CABLE SEAL	WIRE CODE	FORD PART NO.
3.5	4.2	1.2	1.9	2.0	2.9	0.4	10.85	23.4	7.5	NO	16	DU5T-14474-TA BU5T-14474-RAA
5.6	8.8	2.4	3.4	5.4	6.5	1.1	10.50	24.0	8.0	YES	10	XL3T-14474-BA 4L3T-14474-BA
4.6	4.9	2.0	2.9	2.8	3.8	0.4	10.85	23.4	7.5	NO	12	CU5T-14474-RA BU5T-14474-PAA
4.6	6.9	2.0	2.9	4.6	5.6	0.6	10.50	24.0	8.0	YES	12	IL5T-14474-AA AU5T-14474-DAA
5.6	6.8	2.4	3.4	3.2	4.2	0.4	10.85	23.4	7.5	NO	10	YF1T-14474-BA BU5T-14474-SAA

PART NUMBER
BU5T-14474-SAA
BU5T-14474-RAA
BU5T-14474-PAA
CU5T-14474-RA
DU5T-14474-TA
AU5T-14474-DAA
4L3T-14474-BA
IL5T-14474-AA
YF1T-14474-BA

REFERENCE

PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT.

DRAFTED IN ACCORDANCE WITH FAO ENGINEERING DRAFTING STANDARD CURRENT AT INITIAL RELEASE — 3 RD ANGLE PROJ — DIMENSIONS IN MILLIMETERS

CAD TYPE	CAD LOC.	CAD FILE	DTM
X-PROE	N/A		IS MASTER
OPER. NO.	UNIT	DRAWING XL3T-14474-BA	
DESIGN GDL	DETAIL VRB	TITLE	SHT 1 OF 1
CHECKED VRB	SAFETY	TERMINAL, WIRE SNAP ON FEMALE	
SCALE 10:1	DATE 20080417	DIVISION / PLANT	

DRW SIZE A0/E