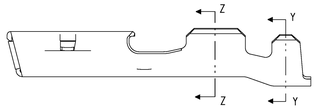
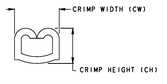
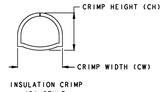
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STS	REV	N/P	CHG						
210C13	R	01	-	-		13866754 - WAS SEPARATE DRAWING; 33122460 - RELEASED	424169	CGD	JAA	DAB

TABLE I - TERMINAL CRIMP DIMENSION (FOR REFERENCE ONLY)								
FCI PART NUMBER	GRIP CODE	WIRE SIZE AWG	WIRE SIZE METRIC	CONDUCTOR CH (SECT Z-Z) (+/-0.05) AWG	CONDUCTOR CH (SECT Z-Z) (+/-0.05) AWG	CONDUCTOR CH (SECT Y-Y) (+/-0.10)	INSULATION CH (SECT Y-Y) (+/-0.10 AWG	INSULATION CH (SECT Y-Y) (+/-0.10) METRIC	INSULATION CW (SECT Y-Y) (+/-0.10)
54001847	18	18	---	1.15	---	2.05	2.15	---	2.60
		20	---	1.05	---		2.00	---	
		---	1.00	---	1.20		---	2.15	
		---	0.75	---	1.10		---	2.00	
		---	0.50	---	1.00		---	1.90	



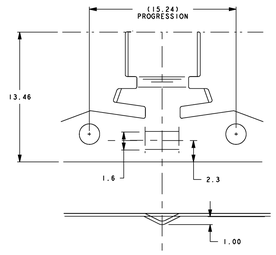


SECTION Z-Z

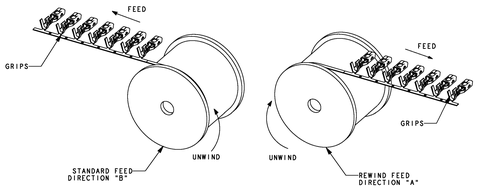


SECTION Y-Y

CRIMP INFORMATION



CARRIER STRIP FOR REFERENCE ONLY

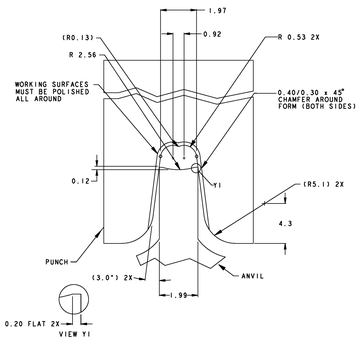


TERMINALS TO FEED AS SHOWN AFTER BEING REELED OFF PRODUCTION TOOL.
PACKAGING: PANCAKE REELS WITH PAPER INTERLEAF

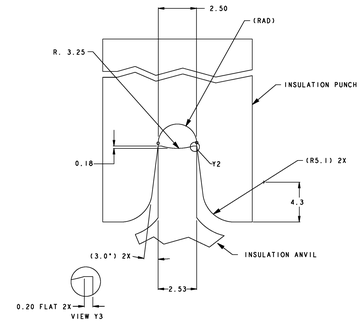
NOTE: CUSTOMER REQUESTS FOR REWIND PARTS WILL INCLUDE AN "RWA" AT THE END OF THE BILL OF MATERIAL (B.O.M.) PART NUMBER. EXAMPLE:
STANDARD WIND: FCI PART NUMBER
REVERSE WIND: FCI PART NUMBER THEN RWA.

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

REELING OPTIONS



STANDARD "B" FORM TOOLING
CONDUCTOR CRIMP

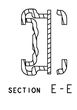


STANDARD "D" FORM TOOLING
INSULATION CRIMP

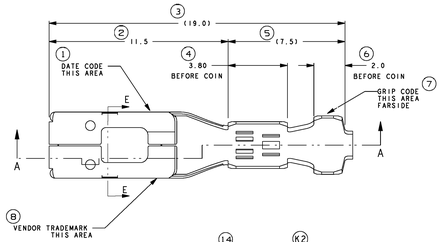
CRIMP TOOL INFORMATION (REF. ONLY)

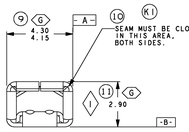
K12002

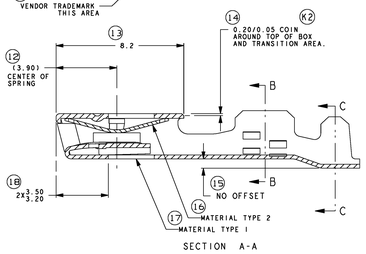
ACTUAL SIZE



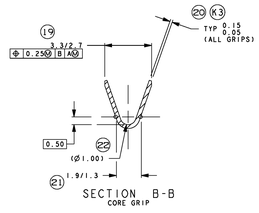
SECTION E-E



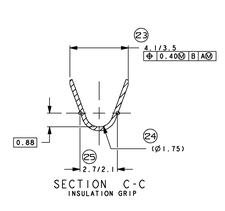




SECTION A-A



SECTION B-B
CORE GRIP



SECTION C-C
INSULATION GRIP

NOTES:

26 1) CONFORMS TO ALL APPLICABLE SECTIONS OF
SAE/USCAR-2 REV. 3 EXCEPT TERMINAL BEND RESISTANCE
SECTION 5.2.2
SAE/USCAR-12 REV. 2
SAE/USCAR-21 REV. 3
FORD SDS VER 11

27 2) MATERIALS
MATERIAL TYPE 1: C14530 Cu TO ASTM B-152
THICKNESS 0.249±0.006
TENSILE STRENGTH: 372-442 MPa
MINIMUM ELONGATION: 2% IN 51 mm
PLATING 100% HOT TIN DIP: 0.0005-0.0025 mm

MATERIAL TYPE 2: C17410 BeCu TO ASTM B-768
THICKNESS 0.203±0.008
TENSILE STRENGTH: 655-862 MPa
YIELD STRENGTH: 758-897 MPa
MINIMUM ELONGATION: 1% IN 51 mm
PLATING 100% HOT TIN DIP: 0.0005-0.0025 mm

28 3) THE APEX 2.8 TERMINAL SYMMETRICAL ABOUT
CENTERLINE AND CAN BE INSERTED 180°
EXCEPT AS SHOWN.

29 4) DIMENSIONAL TOLERANCE:
1 PLACE ±0.25
2 PLACE ±0.10
ANGULAR ±2°

30 5) FOR CAVITY SPECIFICATION INFORMATION
REFERENCE F.C.I. DRAWING C15001 FOR UNSEALED CAVITY
AND F.C.I. DRAWING C15006 FOR SEALED CAVITY.

31 6) SEE USCAR DRAWING EWCAP-001 FOR DIRECT CONNECT MATING
BLADE INFORMATION

32 7) ANNUAL QUALITY REQUIREMENTS:
FCI SPECIFICATION BAQA-QCI INSTEAD OF ANNUAL LAYOUT &
ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2

33 8) ◇ QUALITY ASSURANCE REQUIREMENTS: 1 REQUIRED.

34 K8 9) INDICATES IN PROCESS INSPECTION FOR MANUFACTURING
DIMENSIONS OR SPECIFICATIONS: 3 REQUIRED.

35 10) G ◇ DENOTES GAGE REQUIREMENTS FOR USER AND MANUFACTURER
2 REQUIRED

LAST BALLOON: 35

FCI PART NUMBER: 54001847
TERMINAL IS FOR MATT SEALED
OR UNSEALED APPLICATIONS.

11-00223	11/07/11	J	---	UPDATE VIEWS, ADD "K" DIMS, REMOVE CHARTS, ADD METRIC WIRES
9372	06-07-07	H	-	REVISED PER ECR
8780	08-31-06	G	P-9	DIMENSION 12.981 WAS 2.90
1	1	1	P-7	SECTION E-E CUTTING LINE ADDED
8636	07-24-06	F	J-7	0.15/0.05 COIN DIMENSION ADDED
1	1	1	F20	"F" TRADY 25 LOCATION CORRECTED
1	1	1	-	NOTES REVISED TO MATCH MPG 2005
7412	01-21-05	E	-	INITIAL RELEASE
ECR NUMBER	DATE: M-D-YY	REVISION	ZONE	CHANGE DESCRIPTION — DRAWN BY — CHK. BY — APPR. BY

PRODUCT SPEC. — PACKAGING SPEC. — APPLICATION SPEC. — LOADED PART SPEC.

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TOLERANCES — SEE NOTES — MATERIAL — SEE NOTES — SURFACE FINISH — CAD SYSTEM: pro/ENGINEER WILDFIRE

DRAWING NO. — COLOR: — TOOL NO. D-622 — 309 Ga. Cu. NA — SHEET SIZE: A0 — DIMENSIONS IN MILLIMETERS

DO NOT SCALE DRAWING

	DATE	NAME
DRAWN	01-21-05	R.THIRU
CHECKED	01-21-05	K.LUCCI
ENG APPR.	01-21-05	K.LUCCI

CHART - TERMINAL
TWO-PIECE RECEPTACLE - 2.80mm

DRAWING NUMBER: K12002-CUST — SHEET 1 OF 1

DIM. NO. — USA-STS55bH-NL — - — - — FILE NAME: K12002.CUST

FILE LOCATION: T:\SE

LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE

VOLUME (CM³) — DISTR CODE

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE SHARED SEPARATELY PER+/-LESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

TOLERANCE UNLESS OTHERWISE SPECIFIED:
DECIMAL: ANGULAR ±2°
TWO PLACE SEE DRAWING
THREE PLACE SEE DRAWING

THIRD ANGLE PROJECTION

DO NOT SCALE
USE MATH DATA

NX

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

	DATE
DR	
APVD1 CARLOS DELGADILLO	210C13
APVD2 J. S. ALVARADO	210C13
APVD3 DANIEL A. BUCCINO	210C13
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 1094R001

MATERIAL: SEE CHART

DRAWING NAME: TAXI TERM F APEX 2.8 SN

DRAWING NUMBER: 33125476

SIZE	SCALE	FRAME NO	SHEET NO	STS	REV	N/P
A0		1 OF 1	1 OF 1	R	01	-

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

54001847/F097700	J	13866754	01	AF	-	-	-	M6554H89	M6552H80
54001847RWA/F097700RWA	J	-	-	-	33122460	01	-	13866754	-
PART NUMBER	REV	PART NUMBER	REV	N/P	REWIND PART NUMBER	REV	N/P	BASE MAT'L SPEC	SPRING MAT'L SPEC
MVL		DELPHI							

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Aptiv:

13866754-L 13866754