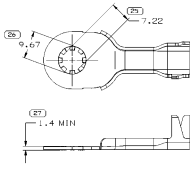
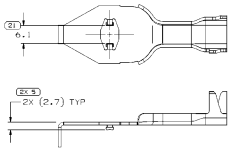


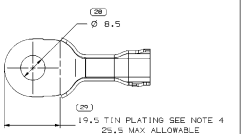
TYPE 202
SAME AS TYPE 201
EXCEPT AS SHOWN



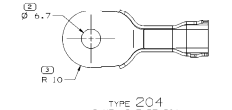
TYPE 209
SAME AS TYPE 204
EXCEPT AS SHOWN



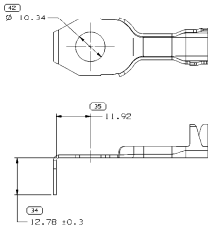
TYPE 203
SAME AS TYPE 201
EXCEPT AS SHOWN



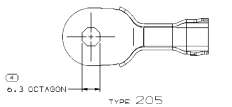
TYPE 210
SAME AS TYPE 204
EXCEPT AS SHOWN



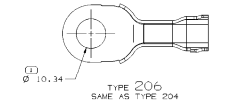
TYPE 204
SAME AS TYPE 201
EXCEPT AS SHOWN



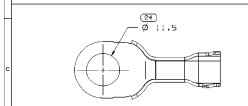
TYPE 211
SAME AS TYPE 201
EXCEPT AS SHOWN



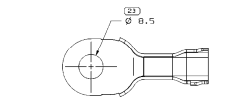
TYPE 205
SAME AS TYPE 204
EXCEPT AS SHOWN



TYPE 206
SAME AS TYPE 204
EXCEPT AS SHOWN

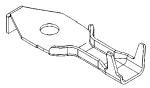


TYPE 207
SAME AS TYPE 204
EXCEPT AS SHOWN

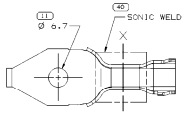


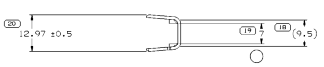
TYPE 208
SAME AS TYPE 204
EXCEPT AS SHOWN

SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (□) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	36	13-15 32-33 35-39
	LAST NO. USED	42	

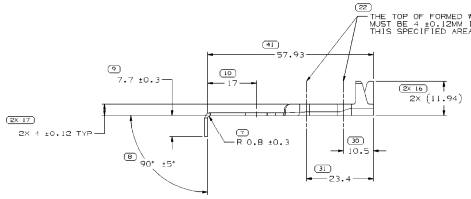








VIEW TO X-X



TYPE 201

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.
2. TERMINAL MUST BE MADE USING FIN-LUBE 0177 STAMPING LUBE OIL. ANY OTHER LUBRICANT MUST BE APPROVED BY PRODUCT ENGINEERING.
3. TERMINALS ARE TO BE SINGULATED FROM CARRIER AND PLACED IN CLEAN CLOSED PLASTIC BAG PRIOR TO STORAGE AND SHIPMENT.
4. PRE-PLATED SELECTIVE MATTE TIN (99.9%) AS DIMENSIONED.
5. SONIC WELD AREA AS DEFINED ON DRAWING MUST BE KEPT FREE OF TIN PLATING OR OTHER COATING/PLATING
6. PARTS MUST BE KEPT THE SONIC WELDING AREA DRY PRIOR TO THE WELDING PROCESS.
7. PARTS RESTRICTED FOR USE IN LEAR ONLY. REFER TO CHART FOR SPECIFIC RESTRICTED PART NUMBERS.

PROCESS NOTE

1. PARTS SHALL BE FREE OF DEBRIS; RESIDUAL ABRASIVE MATERIALS; CORROSION PRODUCTS; OIL/LUBRICANT AND ANY EXTERNAL RESIDUE.

DWG STATUS DATE	STR	REC	N/P	DIR	ZONE	REVISION HISTORY	AUTH	DR	APVD/APVD 1	2
01DE03	R	01	-	-		SHEET 2 PART DRAWING CREATED AND RELEASED.	248936	JEB	JEB/RAP	
13JA04	R	02	-	-		15482713-RELEASED; 15482714-RELEASED; 15485959-RELEASED; 15485961-RELEASED; 15485963-RELEASED; ALL PARTS-REVISED NOTE 21 ALL PARTS-DIM 9 WAS 16 ±0.1, DIM 1259 WAS 25 ±0.15	250340	KDK	END/RAP	
16MR04	R	03	-	-		ALL PARTS - ADDED NOTE 6 DIMS 3 PLCS; 2X 14 TYP WAS 2X 4 TYP & 2X 12.71 TYP WAS 2X 2; TYP; REV'D NOTE #2; MATL SPEC WAS MX3621XX - C182	252912	MAC	MAC/RAP	
07AP04	R	04	-	-		ALL PARTS - (9.5) WAS 9.5	253575	EES	EES/RAP	
26MY04	R	05	-	-		ALL PARTS - ADDED "NO. OF WIRES" COLUMN TO CHART & ADDED BUNDLE SIZES 15485961,15485963,15485959 - REVISED MATERIAL SPEC	255191	EES	EES/RAP	
29JN04	R	06	-	-		15476580, 15482713, 15482715- 17 WAS 12± 7.7 ±0.3 WAS 12.7 ±0.3	256415	KDK	KDK/RAP	
22JL04	R	07	-	-		15496982-RELEASED; 15496983-RELEASED; 15496973-RELEASED	257660	CJP	CJP/RAP	
16SE05	R	08	-	-		13523333 ADDED AND RELEASED	272542	MM	MM LN	
21OC05	R	09	-	-		19.4 TIN PLATING SEE NOTE 4 25.5 MAX ALLOWABLE WAS 19.5 TIN PLATING	273949	MM	MM LN	
09JL09	R	10	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	408338	PSC	MAC/PSC	
24MR10	R	11	-	-		ALL PARTS - 4 +/-.6, 12MM WAS 4 +/-3.08MM	410385	JNR	JNR/DRD	
08AP10	R	12	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	410278	ARC	ARC/DBR	
15MY10	R	13	-	-		ALL PARTS - ADDED "RESTRICTED USAGE" & "REPLACED BY" COLUMNS	410844	MAL	MAL/DRD	
25FE11	R	14	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	413473	AHY	JAM/DRD	
17OC11	R	15	-	-		ALL PARTS - REMOVED "RESTRICTED USAGE" AND "REPLACED BY" FROM CHART	415770	AHY	JAM/JRS	
17JN15	R	16	-	-		13261757 - RELEASED AND ADDED DIMS 14 PLCS	429887	DWA	JAM/ERG	
05AU15	R	17	-	-		ALL PARTS - ADDED PROCESS NOTES 5 & 7 AND SONIC WELD AREA LABELS 13270286 - RELEASED AND ADDED NOTE OF CLEANNESS	430291	NRM	JAM/ERG	
07SE15	R	18	-	-		ALL PARTS - REVISED SHALL BE FREE OF DEBRIS NOTE; 13270286 - ADDED RESTRICTED USAGE COLUMN	430477	KSH	JAM/DRD	
07OC15	R	19	-	-		13523333, 15485961, 15485959, 15482713, 15482715 - PROCESS NOTE NON APPLICABLE 15476580 - OBSOLETE	430973	KDH	AMP/ERG	
21JA16	R	20	-	-		ALL PARTS - RELOCATED DIM #19 AND 13261757 - UPDATED PART AVAILABILITY	431937	KDH	AMP/ERG	

PART NO	REV	N/P	MAT'L SIZE	MATERIAL SPECIFICATION	TYPE	ANTI-ROTATION	BUNDLE SIZE MM²	NO. OF WIRES (MIN-MAX)	RESTRICTED USAGE	PROCESS NOTE
33270286	01	AB	1.0 X .55	COPPER ALLOY	205	YES	6.5-13.5	1-12	SEE NOTE 7	1
33261757	01	AC	1.0 X .70	COPPER ALLOY	211	YES	6.5-13.5	1-12	-	1
13523333	01	AK	1.0 X .55	TIN PLATED COPPER ALLOY	210	NO	6.5-13.5	1-12	-	-
15496902	01	AH	1.0 X .55	COPPER ALLOY	209	NO	6.5-13.5	1-12	-	1
15496903	01	AH	1.0 X .55	COPPER ALLOY	208	NO	6.5-13.5	1-12	-	1
15496973	01	AH	1.0 X .55	COPPER ALLOY	207	NO	6.5-13.5	1-12	-	1
15485961	01	AM	1.0 X .55	COPPER ALLOY	206	NO	6.5-13.5	1-12	-	-
15485961	01	AN	1.0 X .55	COPPER ALLOY	205	YES	6.5-13.5	1-12	-	-
15485959	01	AN	1.0 X .55	COPPER ALLOY	204	NO	6.5-13.5	1-12	-	-
15476580	02	AH	1.0 X .70	COPPER ALLOY	203	YES	6.5-13.5	1-12	-	1
15482713	02	AJ	1.0 X .70	COPPER ALLOY	202	YES	6.5-13.5	1-12	-	-
15482715	02	AJ	1.0 X .70	COPPER ALLOY	201	YES	6.5-13.5	1-12	-	-

(20) PROCESS DIRECTIVE DIMENSION

DIMENSIONS ON DWGS IN ( ) MM/INCH ARE FOR REFERENCE ONLY AND ARE NOT TO BE USED FOR TOLERANCE

DIMENSIONAL RANGE (MM) CHART C
FROM 0 TO >12
UNLESS TOLERANCE OTHERWISE SPECIFIED ON DRAWING
ANGULAR TOLERANCE ±2°

THE DRAWN TYPICAL 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 ENGINEERING SALES TO VERIFY AVAILABILITY OF PARTS.

DWG TYPE	PART DRAWING
STYLE	
RELEASE DATE	DESIGN DWG.

UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS TO BE INTERPRETED WITH SAME TOLERANCES AND PRACTICES AS ASME Y14.5M-1994 GEOMETRIC DIMENSIONING AND TOLERANCING.
FEATURES NOT DIMENSIONED OR TOLERANCED ARE NOT TO BE CONSIDERED AS BEING CONTROLLED BY ANY MEANS IMPLIED BY DRAWING OR SOLID MODEL REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

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WARREN, OHIO

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		DATE
DR	APVD1 J. RANKSTON	01DE03
	APVD2 J. RANKSTON	01DE03
	APVD3 H. PUHL	02DEC03
	APVD4	
	APVD5	

MATERIALS
SEE CHART

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI SPECIFICATION

DRAWING NAME
TAXI TERM RING SONIC

DRAWING NUMBER
15485965

SIZE	SCALE	TRANS MIT	SHEET NO	TOT	REV	N/P
A0	2:1	1 OF 1	2 OF 2	R	20	-