



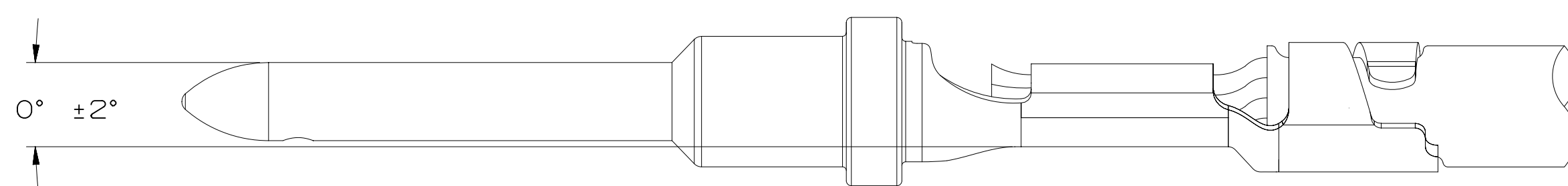
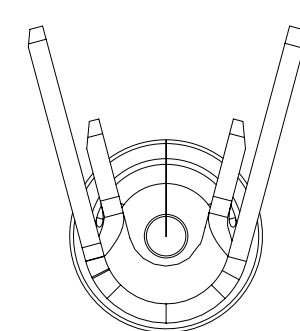
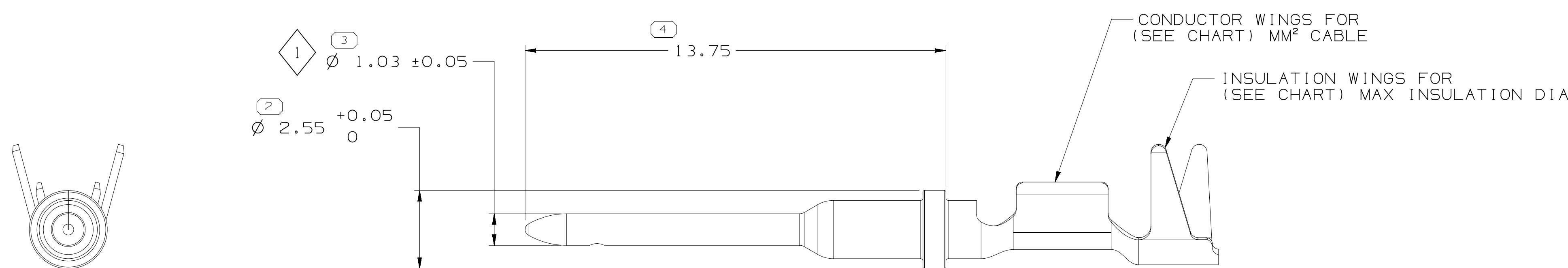
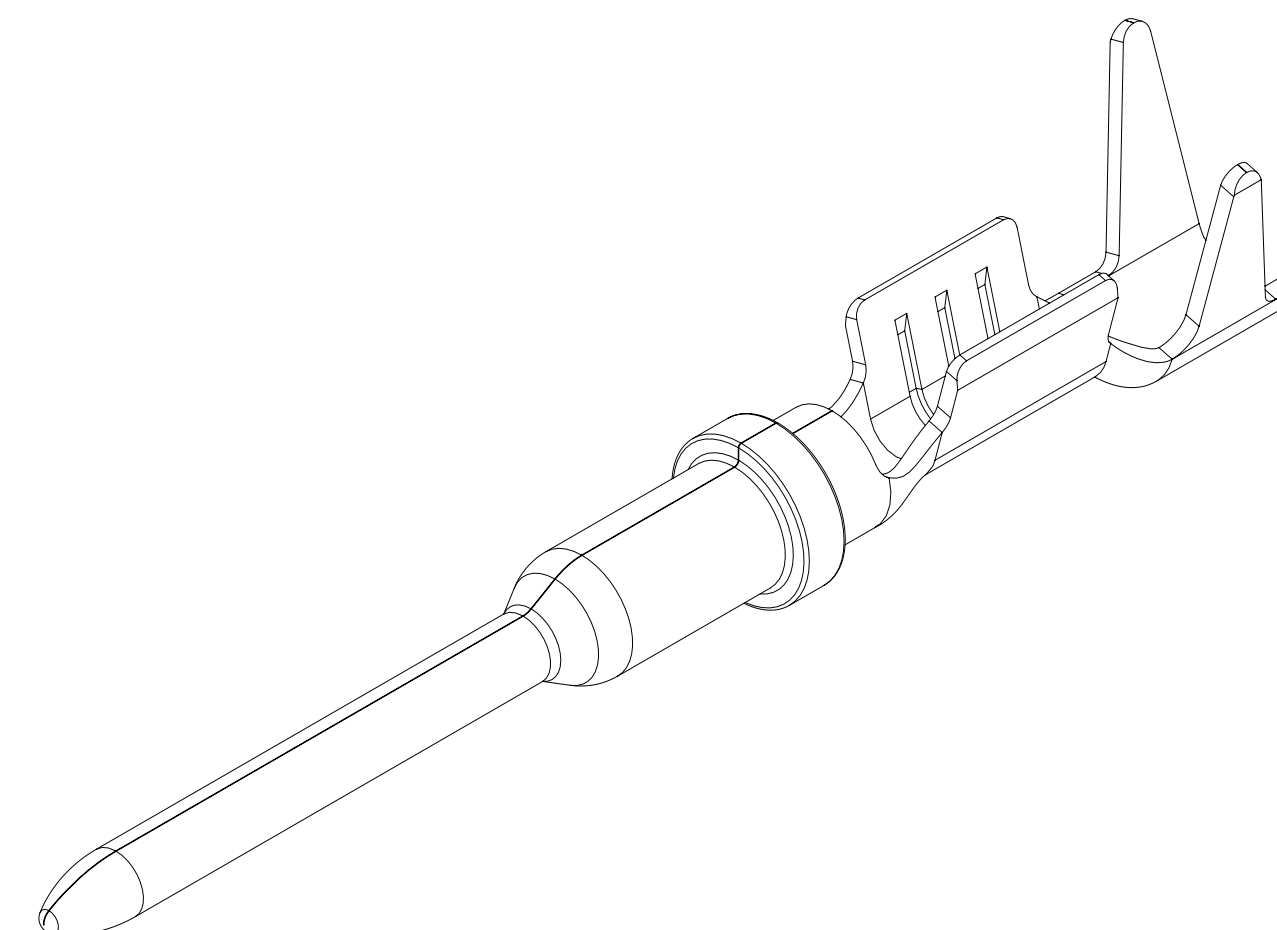
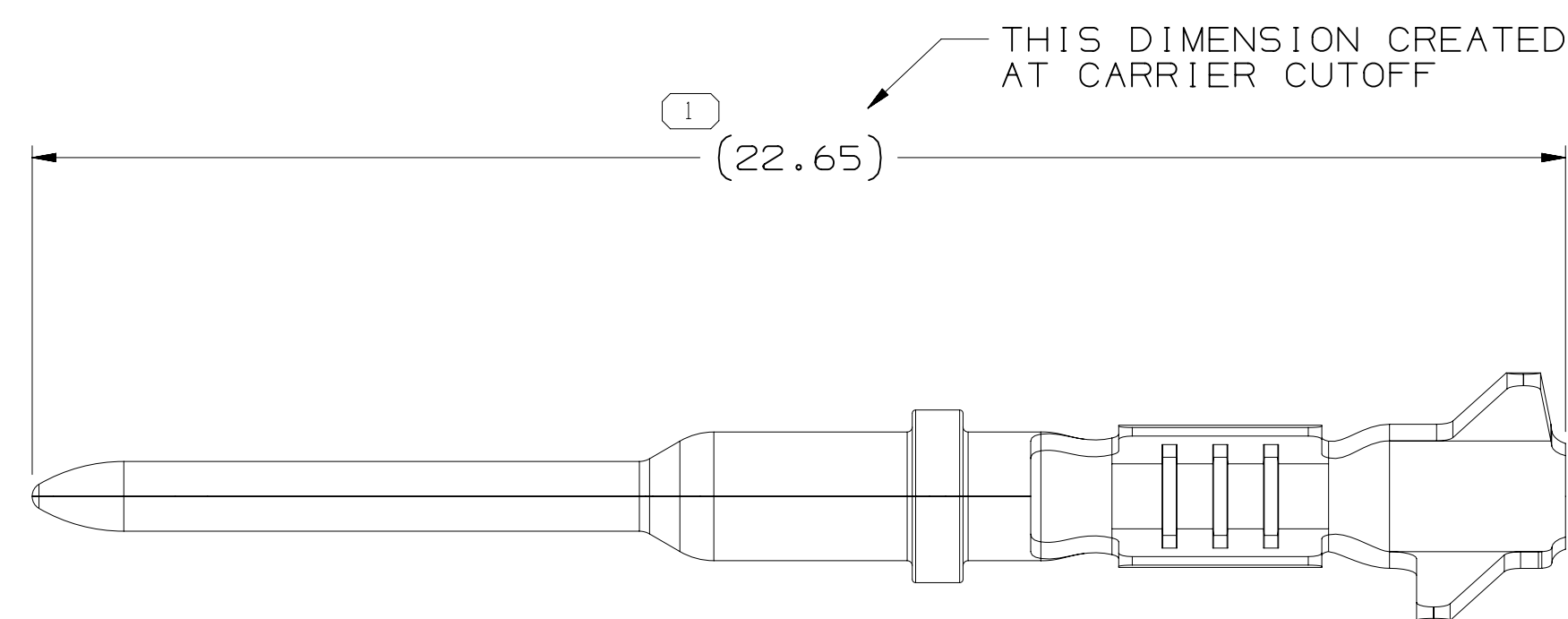


KEY PRODUCT CHARACTERISTICS					
	SAFETY/COMPLIANCE		FIT/FUNCTION	TOTAL ON DRAWING	1
	S/C CHECKPOINTS		F/F CHECKPOINTS	LAST NO. USED	1
NO & TYPE	DESCRIPTION	RATIONALE		PTS	ZONE

SYMBOL DEFINITION		
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	4
	LAST NO. USED	4

MISSING SYMBOLS	DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD
	DATE	STG	REV	N/P	QHS					
NO MISSING SYMBOL NUMBER	21AUG08	R	01	-	-	13654423, 13654424, 13663723, 13663724, 13711542, 13711543, 13711544 & 13711545 RELEASED	401820	END	END	RP
	18SEP09	R	02	-	-	ALL PARTS -DIM #1 WAS 22.6, DIM #4 WAS 13.7, DIM #2 TOL WAS +0.15/0	40BB70	MRF	MRP	PGD
	30OCT09	R	03	-	-	ALL PARTS - ADDED NOTE #4 OF LUBRICATION	409311	FKV	FKV	PGD
	25FEB11	R	04	-	-	ALL PARTS - ADDED NOTE "TERMINAL CAN BE" AND "TERMINAL IS A"	413481	JAR	JAR	PGD
	08JUN11	R	05	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	414457	AGM	JAA	PGD
	05SEP11	R	06	-	-	ALL PARTS - REMOVED "MAX CURRENT CAPACITY" & "INSULATION CRIMP" NOTES	415283	AGM	JAA	PGD
	14OCT11	R	07	-	-	ALL PARTS - ADDED TERMINAL APPLICATION INFORMATION NOTE	415776	JCF	JVM	PGD
	30JAN13	R	08	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	421826	JAR	JAR	PGD
	17MAR13	R	09	-	-	ADDED KPC SYMBOL AND CHART	421880	JAA	JAR	PGD
	17JUN19	R	10	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	443687	JAA	JAA	GER



CRIMPED TERMINAL AND CABLE ALIGNMENT

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.
ALL RADII 0.2
2. TERMINAL MUST BE MADE BY APPLYING NYE 1486 LUBE OIL OR EQUIVALENT
(PREFERRED WITH A FLUORESCENT TRACE ADDED), AFTER STAMPING
(OR FINAL PROCESS PRIOR TO SHIPPING). NYE 1486 MUST BE PRESENT
ON THE MATING INTERFACE AREA AND ON THE OUTSIDE SURFACE OF THE CORE
CRIMP WINGS. THE RECOMMENDED APPLICATION METHOD RATE UTILIZES
A QUANTITY OF 7 TO 10 MILS PER 1 MILLION TERMINALS. ANY OTHER
LUBRICANT MUST BE APPROVED BY DELPHI CONNECTION SYSTEMS PRODUCT ENGINEERING.
THE NYE 1486 OIL CAN ALSO BE APPLIED DURING THE STAMPING OPERATION AT A
RATE OF 50% NYE 1486 AND 50% FIN LUBE 177 (SUPPLIED BY PPGI).
3. TERMINAL CAN BE USED IN ANY 1.0 MM (SIZE 20 MIL 39029) INDUSTRY
STANDARD CAVITY. EXAMPLE DEUTSCH DTM.
4. TERMINAL IS A DIRECT REPLACEMENT FOR (EQUIVALENT TO) THE DEUTSCH
1060-20-XXXX FAMILY OF STAMPED AND FORMED CONTACTS.
5. REFER TO DRAWING NUMBER 13922721 FOR TERMINAL APPLICATION INFORMATION
(CURRENT CARRYING CAPABILITY, CABLE CRIMP RANGE, ETC.)

MATERIAL NOTES:

TERMINAL : COPPER ALLOY - 0.254 THK

13711545	01	AJ		GOLD	0.75-1.0	17T	1.60-2.25	13711549
13711544	01	AJ		NICKEL	0.75-1.0	17T	1.60-2.25	13711548
13711543	01	AJ		GOLD	0.35-0.50	21T	1.25-1.80	13711547
13711542	01	AJ		NICKEL	0.35-0.50	21T	1.25-1.80	13711546
13663724	01	AJ		GOLD	0.75-1.0	17	2.05-2.78	13663728
13663723	01	AJ		NICKEL	0.75-1.0	17	2.05-2.78	13663727
13654424	01	AJ		GOLD	0.35-0.50	21	1.80-2.51	13654422
13654423	01	AJ		NICKEL	0.35-0.50	21	1.80-2.51	13654421
PART NO	REV	N/P	CONTACT	PLATING	SIZE (MM ²)	ID	DIA ±0.08	WING CONST
PLATED					CABLE			

2 PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM)		CHART D
FROM	0	>12
TO	12	
TOLERANCE UNLESS OTHERWISE SPECIFIED		
	±0.1	±0.2
ANGULAR TOLERANCE ±2°		

	LINE DRAWING THROUGH A PART NUMBER		
	INDICATES THAT PARTIAL PARTS ARE NOT AVAILABLE FOR ORDERING.		
	PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT CONTACT NUMBERS ARE AVAILABLE FOR ORDERING.		
	CONTACT PARTY SALES TO ASSURE AVAILABILITY OF PARTS.		
	NO TYPE		
PART DRAWING			
	STYLE		
	VOLUME CODE		
	DRAWING CODE		
UNLESS OTHERWISE SPECIFIED			
THIS DOCUMENT IS IN ACCORDANCE WITH ASTM F148-9M-1994 AS MODIFIED BY THE USE OF ALUMINUM DIMENSIONING AND TOLERANCING ANNOTATION - 1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY PER ASME Y14.5-1994 EXCEPT FROM A DIMENSION DOES NOT APPLY WHEN RELATIONSHIP BETWEEN FEATURE FUNCTIONALITY AND DIMENSIONS OR FORM AND FUNCTION TOLERANCES. SEPARATE POSITION CALCULATIONS MAY BE GAUGED SEPARATELY, HOWEVER, IF DATUM REFERENCES.			
ALL DIMENSIONS ARE IN MILLIMETERS			
REFERENCE			
	THIRD ANGLE PROJECTION		DO NOT SCALE
	USE MATH DATA		NX

• APTIV •

CONNECTION SYSTEMS

WARREN, OH

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DR		DATE
APXV01	E, NEAL DUNHAM	21AUG08
APXV02	E, NEAL DUNHAM	21AUG08
APXV03	R, POLENICK	21AUG08
APXV04		
APXV05		

SUBSTANCES OF CONCERN AND RECYCLED
 CONTENT PER APTIV 10949001

MATERIAL
 SEE MATERIAL NOTE

DRAWING NAME

TAXI TERM M HES 1.0

DRAWING NUMBER

13663722

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	APP
A0	10:1	1 OF 1	1 OF 1	R	10	NVP

Mouser Electronics

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