

QUALITY CUSTOMER
INTERFACE (QCI)

DIMENSIONS LISTED BELOW (BY INSPECTION SYMBOL
NUMBER) MUST BE INCLUDED IN THE PROCESS
CONTROL PLAN FOR THIS PART

INSPECTION SYMBOL	ZONE
1	E10
2	D7
5	D10

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

9

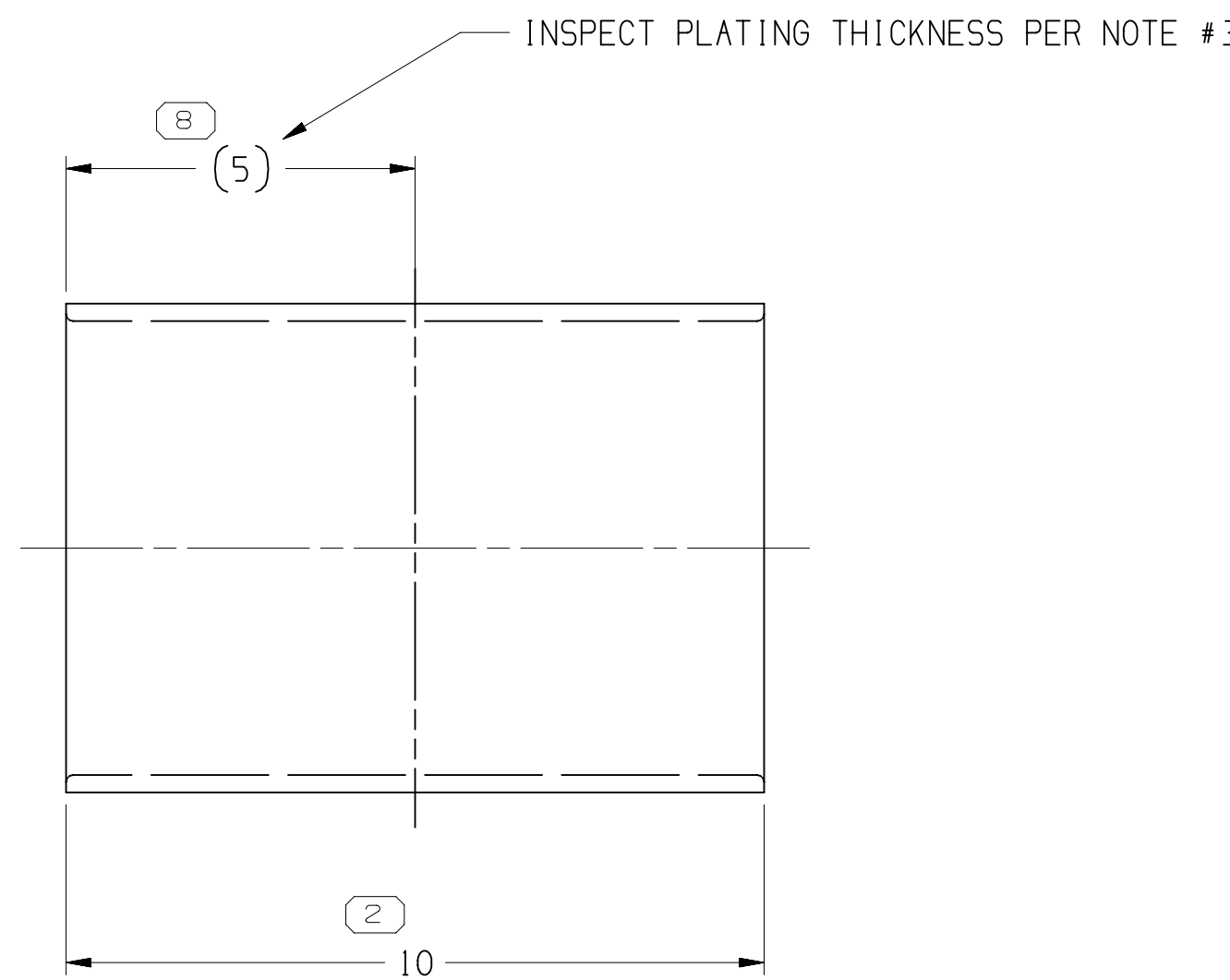
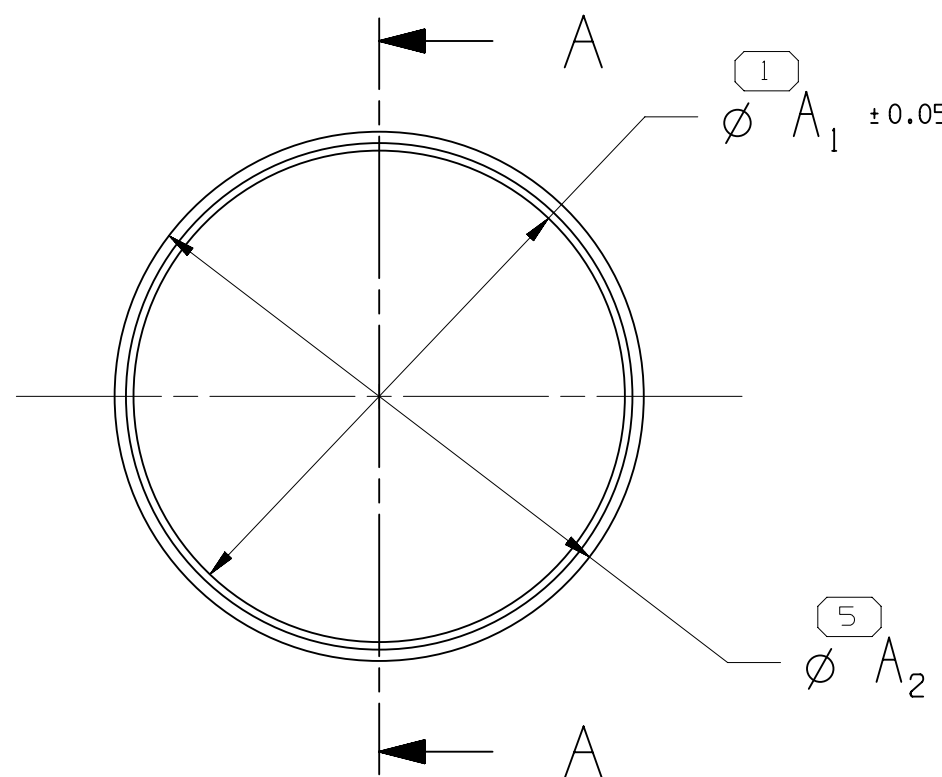
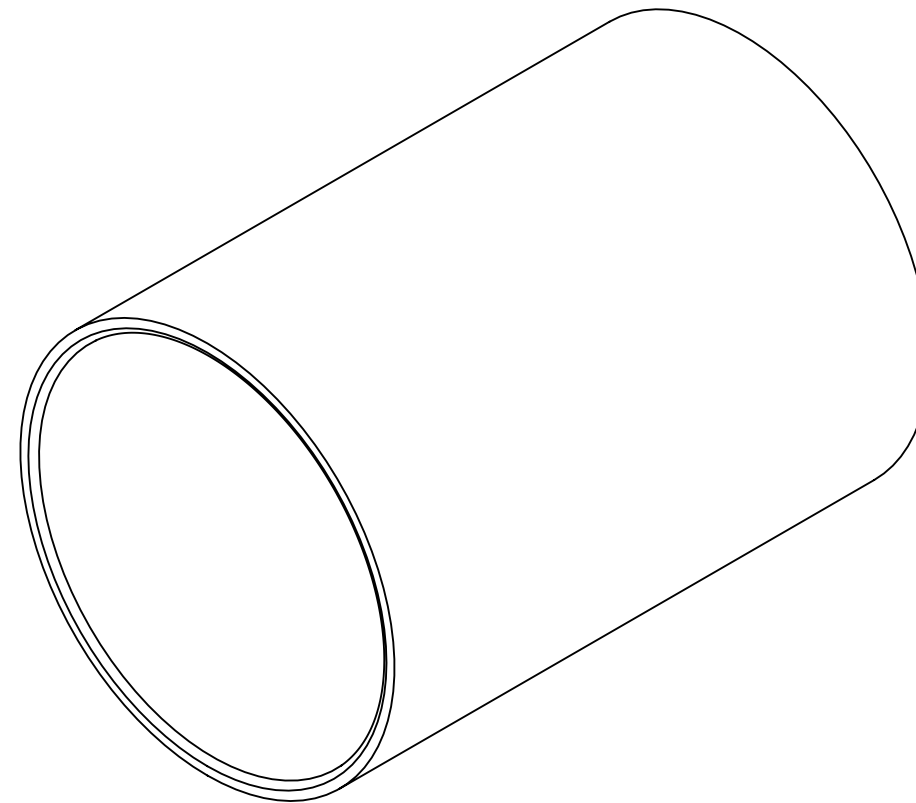
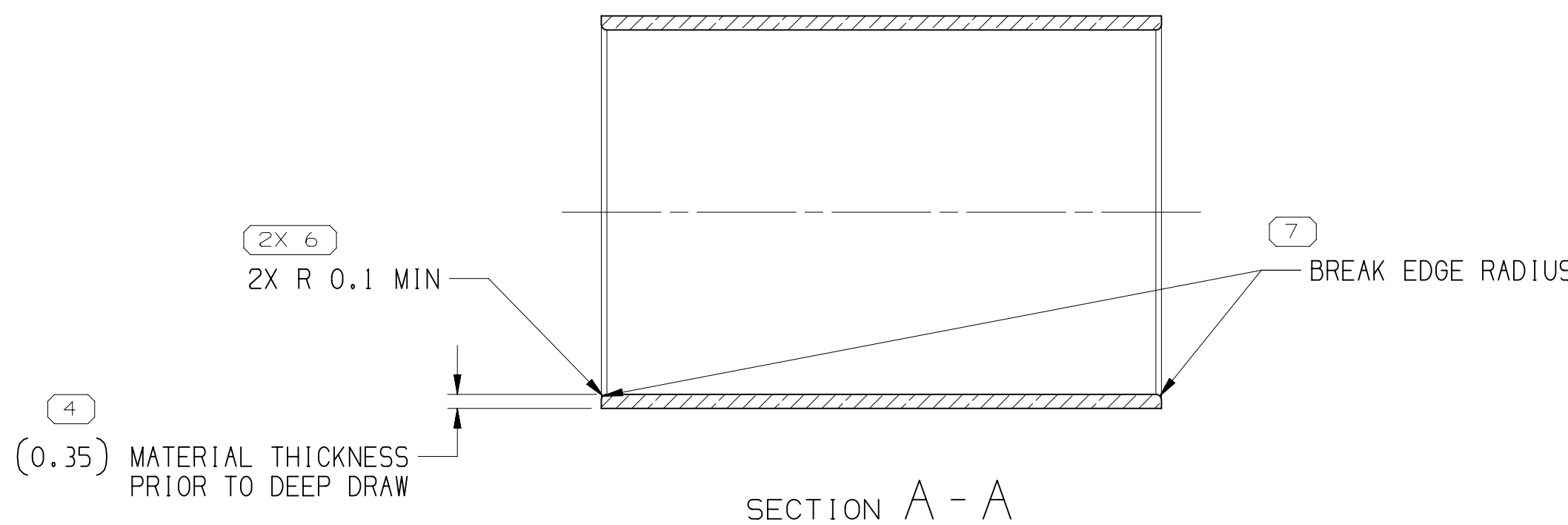
LAST NO.
USED

9

MISSING SYMBOLS

3

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG						
040C16	R	01	-	-		33340172 - WAS PE339349 AND RELEASED; 33340173 - WAS PE339350 AND RELEASED; 33340174 - WAS PE339351 AND RELEASED; 33340175 - WAS PE339352 AND RELEASED; 33340176 - WAS PE339353 AND RELEASED; 33358976 - WAS PE341961 AND RELEASED	434372	KYT	KYT	CFK
120C16	R	02	-	-		33340175 - DIM #1 WAS 5.125 ± 0.05 AND DIM #5 WAS 5.725 ± 0.025	434548	DCH	DCH	CFK
02JA17	R	03	-	-		33340174 - DIM #1 WAS 4.5 ± 0.05 & DIM #2 WAS 5.1 ± 0.05; 33340176 - DIM #1 WAS 6.6 ± 0.05 & DIM #2 WAS 7.2 ± 0.05 ALL PARTS - UPDATED MATING COMPONENTS NOTE	435263	DCH	DCH	CFK
13FE17	R	04	-	-		ALL PARTS - REVISED BURR REQUIREMENT NOTE	435669	KYT	KYT	RDL
170C17	R	05	-	-		ALL PARTS - ADDED LABEL & DIMS (1 PLC) & QCI CHART AND REVISED OVERPLATE NOTE & UPDATED CRIMP SHIELDED NOTE	438060	GDH	JVM	RDL
300C17	R	06	-	-		ALL PARTS - REMOVED CRIMP SHIELDED NOTE	438238	ASL	JVM	JLW
22MY19	R	07	-	-		35259487 - RELEASED	443319	CGD	CGD	JG
290C19	R	08	-	-		ALL PARTS - ADDED "VPS" NOTE AND REVISED "PLATING" NOTE; 33340172 & 33340175 - UPDATED PART AVAILABILITY	550196	LXA	LXA	JG
10FE20	R	09	-	-		33340173 - CABLE TYPE "RTK031 AL/CU" WAS "DACAR 302"; 33358976, 33340176 & 33340173 - UPDATED PART AVAILABILITY	550942	LGD	CGD	RJ
01MY20	R	10	-	-		35259487 - ADDED REPLACED BY COLUMN; 33340173 - CORRECTED "CABLE TYPE" AND "DIA" COLUMN	551652	JG0	JAA	RJ
04AU20	R	11	-	-		ALL PARTS: REMOVED REPLACED BY COLUMN; 33340173: REMOVED RTK044 CABLE TYPE; 35259487: DIM A1 WAS 3.8, DIM A2 WAS 4.4	552002	ES	ES	RJ
01SE22	R	12	-	-		33340176 - OBSOLETE	557079	MLR	JAA	RO
16SE25	R	13	-	-		36033257 - RELEASED	570140	DSV	SMA	JAK



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. REFERENCE MATING COMPONENTS OR EQUIVALENT:

MALE ASSEMBLY: SEE TAXI DRAWING 35013992
FEMALE ASSEMBLY: SEE TAXI DRAWING 35013993

3. PLATING:

99.9% MINIMUM TIN ELECTROPLATING (2.0 - 4.0 μ m) WITH
COPPER UNDERPLATING (2.54 - 5.0 μ m) PER ASTM B545

4. MAX BURR 10% OF MATERIAL THICKNESS.

5. SEE APTIV FERRULE PLATING VPS E-016F FOR REQUIRED
PLATING CRITERIA.

36033257	01	-	0.3 X 10	108	DACAR302-4	3.3	3.5	4.1 ± 0.025
35259487	02	-	0.3 X 10	107	RTK044	3.6	4.3	4.9 ± 0.05
33358976	01	AE	0.3 X 10	106	1.5D, 1.5DS	1.5	3.4	4 ± 0.05
33340176	02	AF	0.3 X 10	101	R659, R662, R671	6	6.5	7.0 ± 0.025
33340175	02	AD	0.3 X 10	102	R658LL	5	5.2	5.7 ± 0.025
33340174	02	AD	0.3 X 10	103	4 MM	4	4.6	5.2 ± 0.05
33340173	01	AG	0.3 X 10	104	RTK031 AL/CU	3.3	3.8	4.4 ± 0.05
33340172	01	AD	0.3 X 10	105	R6174LL, R6316	2.8	3.1	3.7 ± 0.05
PART NO	REV	N/P	MAT'L SIZE	TYPE	CABLE TYPE	DIA	A ₁	A ₂

PROCESS SENSITIVE DIMENSION

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

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

A 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 APTIV SALES TO ASSURE AVAILABILITY OF PARTS.	
DWG TYPE PART DRAWING	
STYLE	
VOLUME (CM ³)	DISTR CODE D
UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE QM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.	
ALL DIMENSIONS ARE IN MILLIMETERS	
REFERENCE	
THIRD ANGLE PROJECTION 	DO NOT SCALE USE MATH DATA

• APTIV •	
CONNECTION SYSTEMS	
WARREN, OH	
COPYRIGHT 2016 APTIV. ALL RIGHTS RESERVED.	
THIS DRAWING IS THE PROPERTY OF APTIV AND CONTAINS APTIV CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.	
DR	DATE
APVD1 YAMIR TELLEZ	040C16
APVD2 YAMIR TELLEZ	040C16
APVD3 CRYSTAL KROMPEGAL	040C16
APVD4	
APVD5	
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV 10949001	
MATERIAL C42500 STOCK TEMPER IS ANNEALED PRIOR TO DEEP DRAW SEE PLATING NOTE	
DRAWING NAME TAXI TERM FERRULE UNKN SEALED	
DRAWING NUMBER 33340167	
SIZE A1	SCALE 10:1
FRAME NO 1 OF 1	SHEET NO 1 OF 1
STG R	REV 13
N/P -	