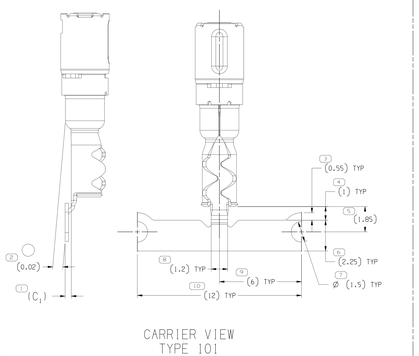
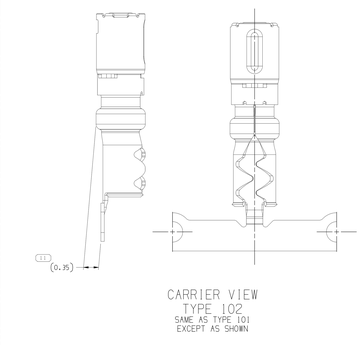
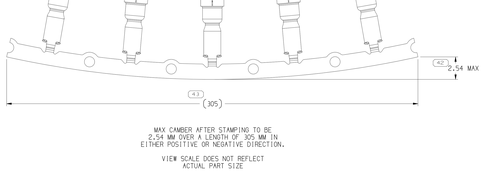


CARRIER VIEW
TYPE 101

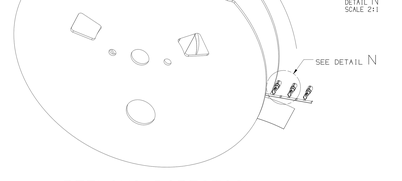


CARRIER VIEW
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



MAX CAMBER AFTER STAMPING TO BE
2.54 MM OVER A LENGTH OF 305 MM IN
EITHER POSITIVE OR NEGATIVE DIRECTION.

VIEW SCALE DOES NOT REFLECT
ACTUAL PART SIZE



REELING DIRECTION

DETAIL N
SCALE 2:1

PACKAGING NOTES

1. TERMINALS MUST BE SINGLE WRAPPED ON TBD REEL WITH A 13/16 INCH OR EQUIVALENT CORE WIDTH WITH NON ABRASIVE SEPARATING MATERIAL.

2. PARTS SHOULD BE PLACED IN CLEAN PLASTIC TUBS OR PANS, LINED WITH POLYETHELENE BAGS DURING PROCESSING. BAGS SHALL BE CLOSED DURING STORAGE AND SHIPMENT.
NOTE1: WAX LINED BOXES MAY BE SUBSTITUTED FOR POLYETHYLENE BAGS. REELS TO BE PROTECTED FROM SHIPPING DAMAGE.

3. FULL REEL WEIGHT NOT TO EXCEED 30 LBS.

4. CARRIER STRIP TO BE ON TO REEL FROM FINAL MANUFACTURING STEP IN REELING ORIENTATION 'A' AS PER ESD S1119401.

SPLICE NOTES

1. MUST USE LOOSE END SPLICES.

2. PAPER INTERLEAF AS REQUIRED.

3. FOR REELS WITH 3,500 OR LESS TERMINALS, THERE SHALL BE NO LESS THAN 500 TERMINALS BETWEEN SPLICE, FOR REELS WITH OVER 3,500 TERMINALS, THERE SHALL BE NO LESS THAN 1,000 TERMINALS BETWEEN SPLICE.

4. ALL REELS CONTAINING SPLICES SHALL BE IDENTIFIED WITH A LABEL ON THE SAME SIDE AS THE TERMINAL IDENTIFICATION LABEL.

DRAWING NUMBER: 35726363							
SIZE	SCALE	FRAME NO	SHEET NO	TOTAL SHTS	REV	N/P
A1x3	10:1	2 OF 1	1 OF 1	R	06	-

KEY PRODUCT CHARACTERISTICS			
▽ SAFETY/COMPLIANCE	◇ FIT/FUNCTION	TOTAL ON DRAWING	6
▽ S/C CHECKPOINTS	◇ F/F CHECKPOINTS	LAST NO. USED	6

NO.	S/C	DESCRIPTION	RATIONALE	PTS	ZONE
1	S/C	DIM I2	FMEA 571.1111 COMPLIANCE	1	70
2	S/C	DIM I3	FMEA 571.1111 COMPLIANCE	1	J14
3	S/C	DIM I4	FMEA 571.1111 COMPLIANCE	1	H14
4	S/C	DIM I6	FMEA 571.1111 COMPLIANCE	1	H15
5	S/C	DIM I35	FMEA 571.1111 COMPLIANCE	1	J10
6	S/C	DIM I40	FMEA 571.1111 COMPLIANCE	1	C10

QUALITY CUSTOMER INTERFACE (QCI)

DIMENSIONS LISTED BELOW SET INSPECTION SYMBOL NUMBERS MUST BE INCLUDED IN THE PROCESS CONTROL PLAN FOR THIS PART

INSPECTION SYMBOL	ZONE
15	G14
26	E11
29	D11
36	J11

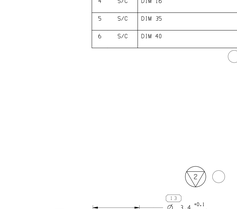
SYMBOL DEFINITION

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (◯) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

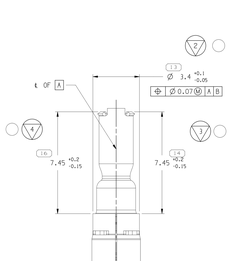
TOTAL NO OF INSPECTIONS REQUIRED	45
LAST NO. USED	44

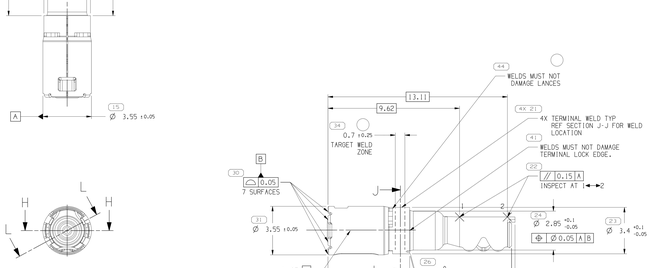
MISSING SYMBOLS
27 32-33

DWG STATUS				ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
DATE	SIZE	REV	N/P	DNO					
28OCT22	R	01	-	-	35533075 - WAS PE4367881 35533077 - WAS PE4369771 35533079 - WAS PE4369811 AND ALL PARTS - ADDED USED PART DRAWING	958846	SCH	DCA	RDK
15JN23	R	02	-	-	ALL PARTS - ADDED 180° ±5° AND LABELS	560713	GLG	JGO	RK
16OCT23	R	03	-	-	ALL PARTS - DIM Ø 3.4 +0.1/-0.05 WAS Ø 3.4 +/-0.05, DIM ⌖ 0.15 A INSPECT AT ↔ WAS 2X ⌖ 0.15 A INSPECT AT ↔ AND REVISED "WELDED ASSEMBLY PULL FORCE" NOTE	562110	AHY	DCA	RDK
31OCT23	R	04	-	-	ALL PARTS - UPDATED PDM ATTRIBUTES	562263	JAA	JAA	RDK
24SEP24	R	05	-	-	ALL PARTS - ADDED DIMS #40-41, NOTES #8-10, DIMS #12.02±.05,45 ON QCI CHART, CHANGED DIMS #6,7,8,9,10,11 AND NOTES #3 AND 6, DIMS #12.02±.05 WAS 12.2±0.05, Ø 3.4+0.05/-0.1 WAS Ø 3.4±0.05, Ø 3.4+0.1/-0.05 WAS Ø 3.4±0.05, 15.75± WAS 0.75, 0.2+0.1/-0.05 WAS 0.2±0.05, 0.7+0.1/-0.15 WAS 0.7, 7.45+0.2/-0.15 WAS 7.45±0.08 13 PLCS), 0.3+0.05/-0.07 WAS 0.35±0.05, 13.42±0.2 WAS 13.4±0.2, 0.25 MAX CUT REVISED DIM #37, ZONE ON QCI CHART ON DIMS #13,14,15,35,36, ADD'T POSITION CONTROL ON DIMS #11,37, "MPC" NOTE, REMOVED "USED IN ASSEMBLIES" AND "THIS PART ACCEPTS" NOTES: 35533079 - ADDED INFO TYPE ON CHART; 35533075 - REVISED "CARRIER STRIP VIEW TYPE 101" DIMS (8 PLCS)	564907	COD	COD	JMB
19FEB25	R	06	-	-	ALL PARTS - [0.1] WAS 0.1, DIM #34 WAS 0.7 +0.1/-0.15, REMOVE DIMS # 32 & #33, & DIMS #12, #13, #14, #16, #35 & #40 FROM QCI CHART, ADD "PROCESS SENSITIVE" PROCESS "NOTE" AND ADDED DIM #44, KPC CHART & "KPC" CHART & SYMBOLS: 35533079 & 35533077 - UPDATED PART AVAILABILITY (PN'S WERE NOT AVAILABLE): 35533075 - DIM #2 WAS 0.02	567215	JOO	GLG	JMB



SECTION H-H

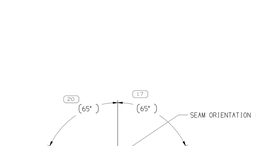




TYPE 101

SECTION L-L

TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



SECTION J-J
WELD LOCATION

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. THIS PART ACCEPTS CABLE - SEE CHART.
3. • DENOTES DIMENSIONS MADE AT CUT-OFF & CRIMP DIE.
4. WELDED ASSEMBLY MUST WITHSTAND 300N AXIAL PULL FORCE PRIOR TO FAILURE OR EXPERIENCE BASE MATRIAL FAILURE IN COMPONENTS WITH NO WELD FAILURE AT A FORCE LOWER THAN 300N, WHICHEVER OCCURS FIRST.
5. REFERENCE VPS E-0594 FOR WELD QUALITY.
6. SUB-COMPONENTS, INCLUDING OUTER TERMINAL, CRIMP TUBE AND INSULATOR, CANNOT BE ALTERED BY THE ASSEMBLY PROCESS AND MUST MEET ALL DIMENSIONAL REQUIREMENTS FROM DRAWINGS. SEE CHART FOR PART NUMBERS.
7. FINAL ASSEMBLY INSTRUCTIONS PER 35727529.
8. REFERENCE MATING COMPONENTS OR EQUIVALENT:
   CONN HOUSING - TAXI 35507899
   TERMINAL ASSEMBLY - SEE CHART
9. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
   INNER TERMINAL - SEE CHART
   CRIMP FERRULE - SEE CHART
10. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EANP-4-3.CS.01.EN.

PART NO	REV	N/P	TYPE	CABLE SIZE	A_1	(C_1)	OUTER TERMINAL	CRIMP TUBE	INSULATOR	MATING INNER TERMINAL	USED IN ASSEMBLY
35533079	03	-	102	RTK044	3.55	1.45	0	35506367	35506380	35506375	35506370	35700134 OR EQUIVALENT
35533077	03	-	102	RTK031	3.3	1.3	0.15	35506367	35506379	35506375	35506370	35700132 OR EQUIVALENT
35533075	03	-	101	RG174	2.8	1	0.45	35506367	35506378	35506374	35506369	35509006 OR EQUIVALENT

29 PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE DIMENSIONS ESTABLISHED.

GENERAL TOLERANCE TABLE	CHART ID
ANGULAR	±2°
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.2
ANGULAR REFERENCE ±2°	

THIRD ANGLE PROJECTION	DO NOT SCALE USE MATH DATA

NX

DRAWING NUMBER: 35726363							
SIZE	SCALE	FRAME NO	SHEET NO	TOTAL SHTS	REV	N/P
A1x3	10:1	1 OF 1	1 OF 1	R	06	-

DR	DATE
APVD: DANIEL CALVILLO	28OCT22
APVD: DANIEL CALVILLO	28OCT22
APVD: RYAN KIRKPATRICK	28OCT22
APVD:	
APVD:	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT(PANTOS) (DMASS)

QTY
SEE CHART

DRAWING NAME
TAXI ASM TERM F MCA-A 180 SASM SN

"-----" 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 (CM³)	SYSTEM UNIT: D

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994
DIMENSIONING AND TOLERANCING. DIMENSIONING AND TOLERANCING ASCII(ISO 1101). SEPARATE PATTERNS OF FEATURES MAY BE SHOWS SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

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•APTIV•
CONNECTION SYSTEMS
WARREN, OH

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Drawn: 28-OCT-22 09:50:06 Saved: 15-MAY-25 09:39:32