

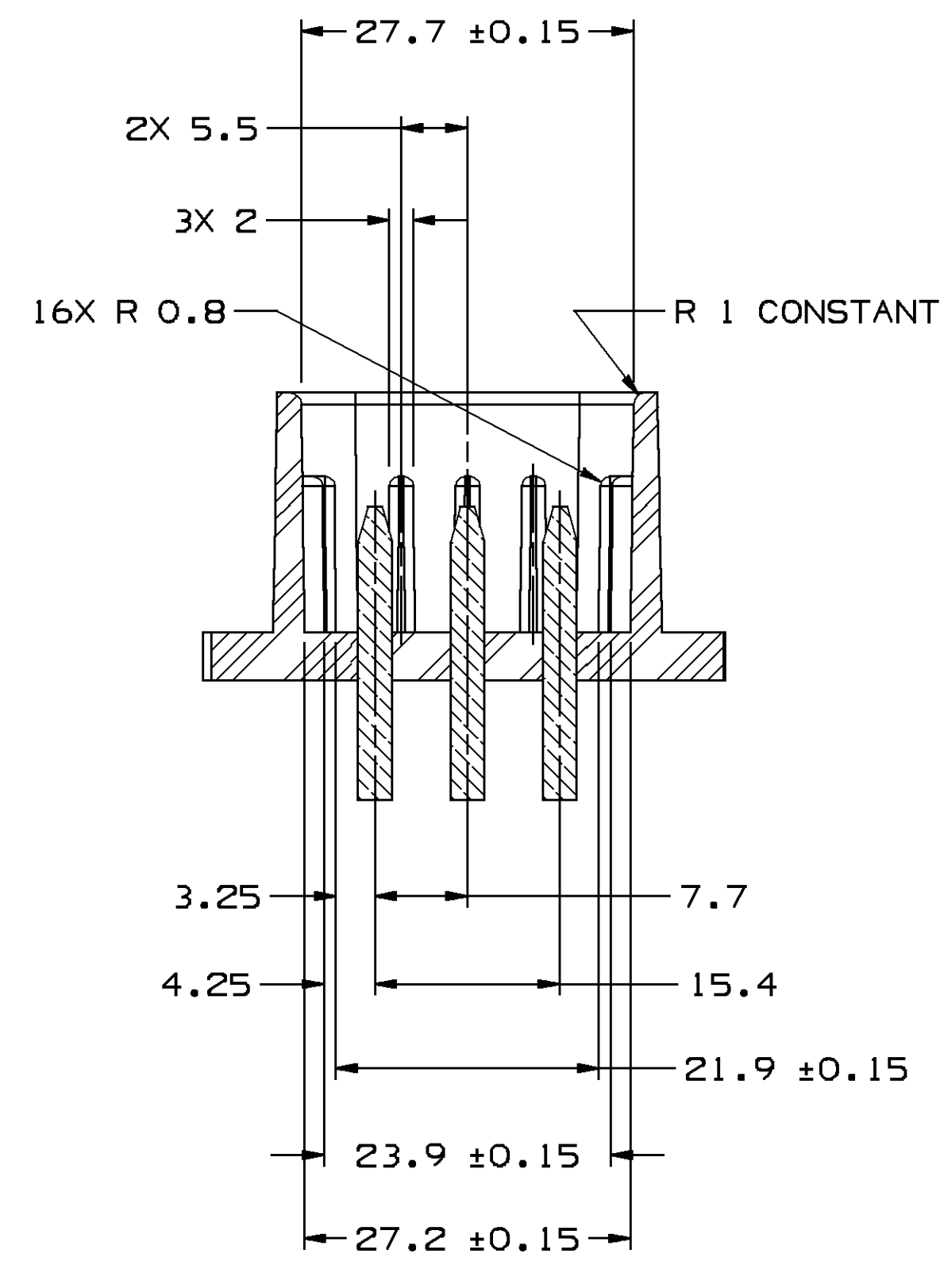
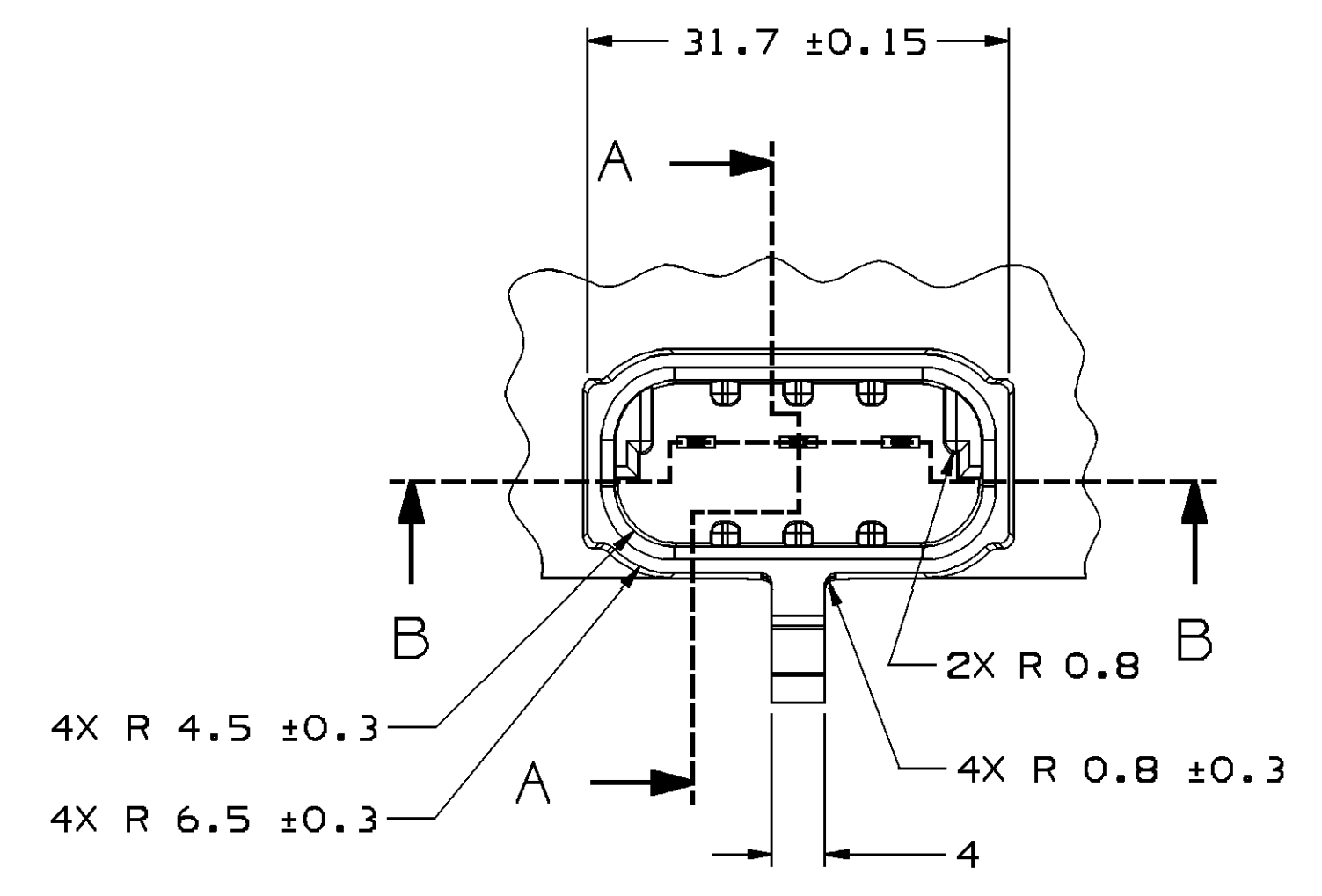
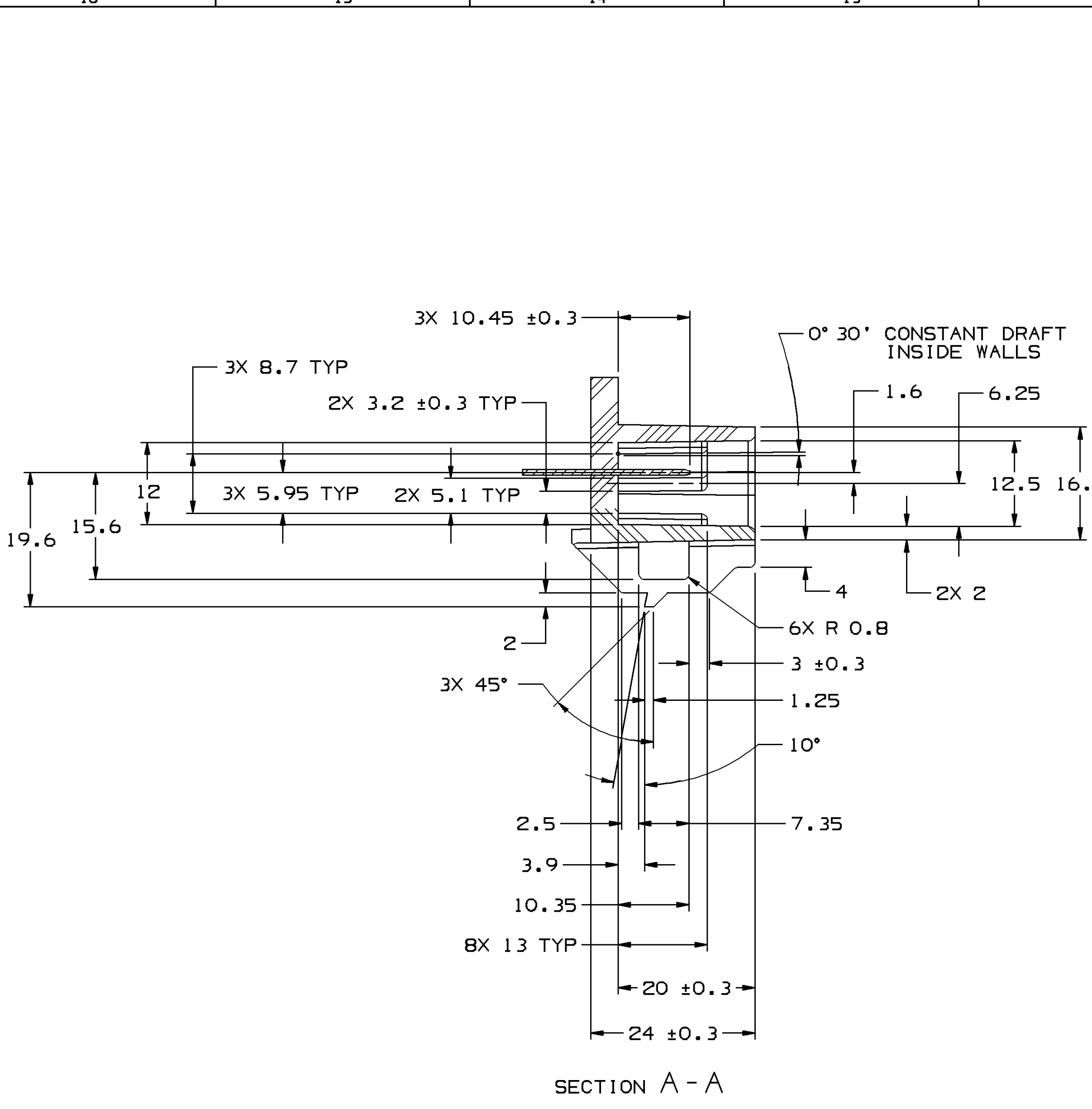
M 610315-K



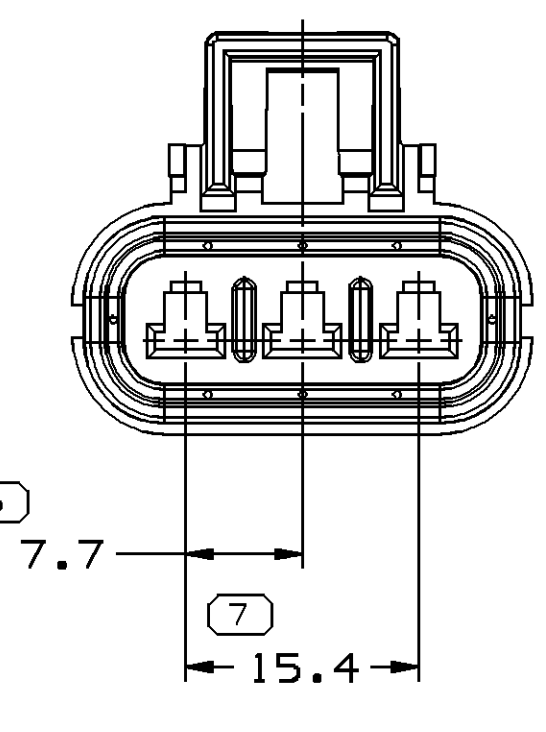
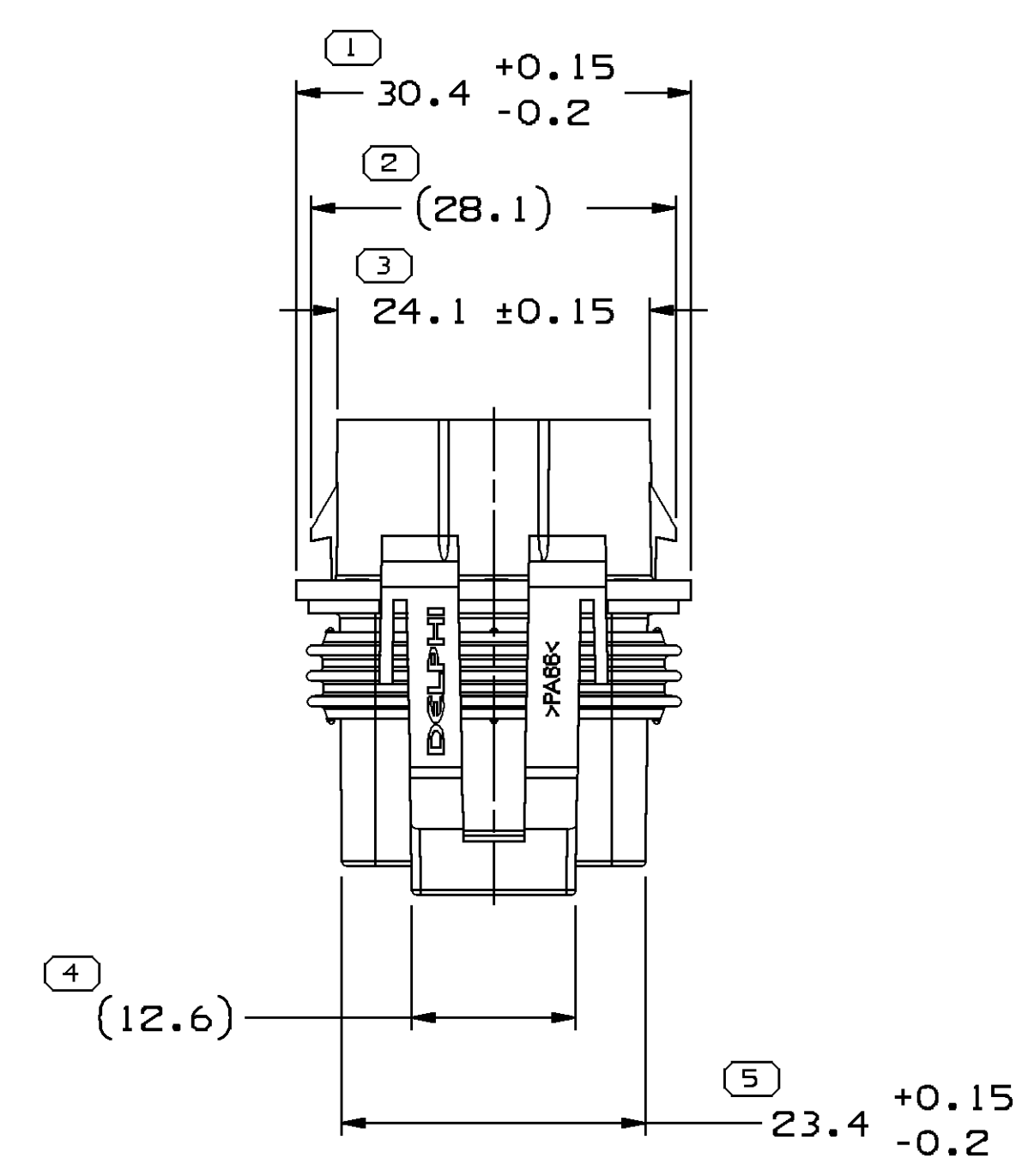
MINIKIT

Proseguire nella pagina successiva per visualizzare la scheda tecnica dei componenti

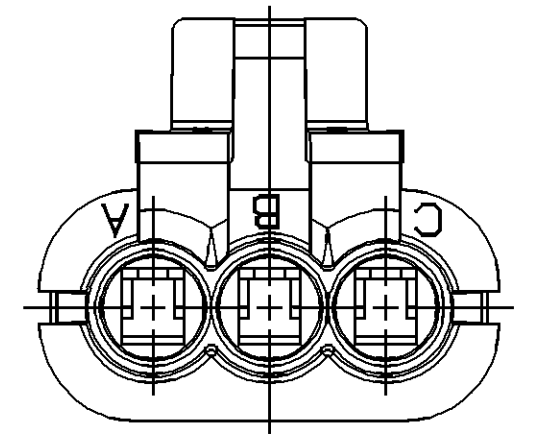
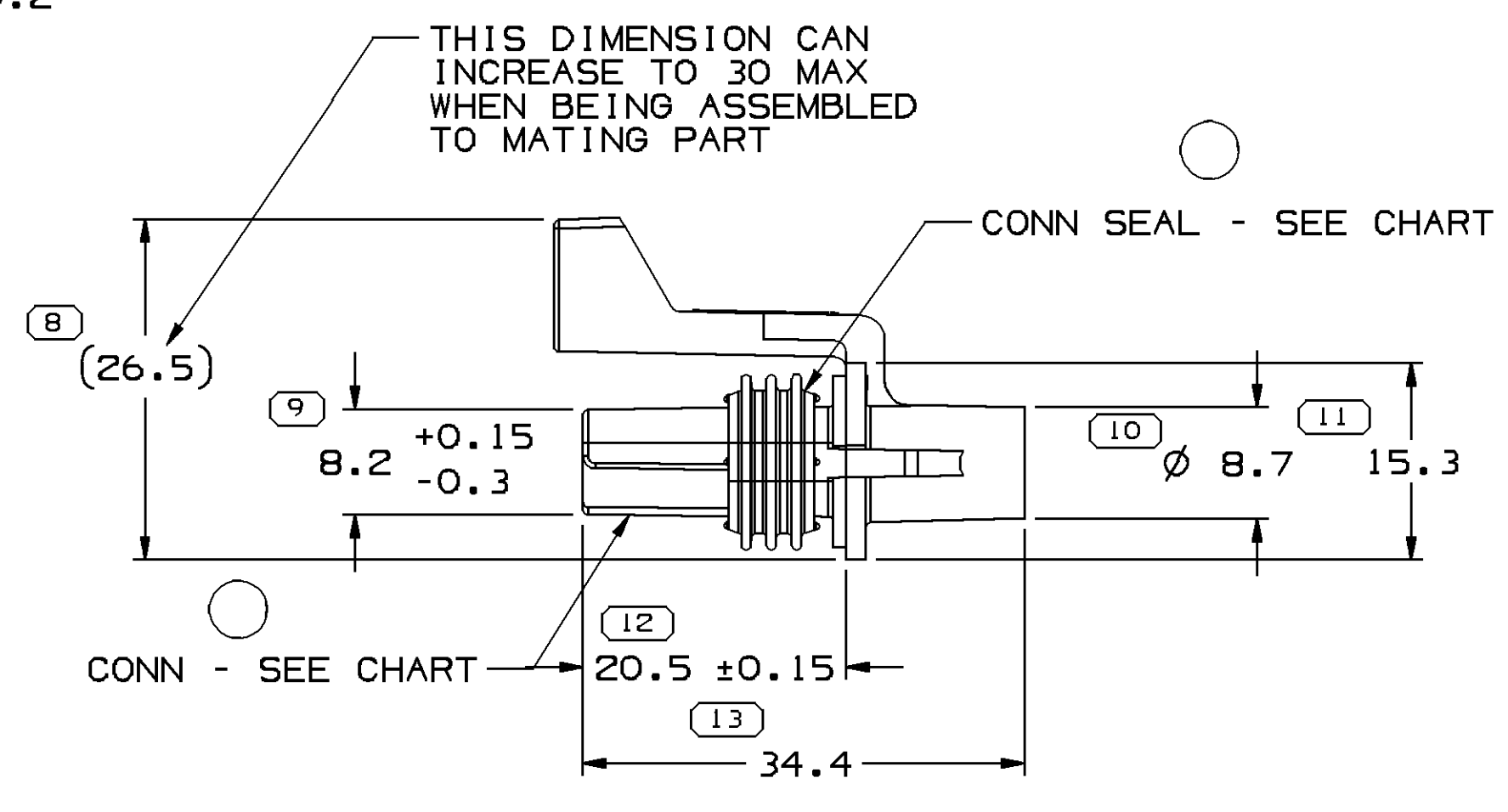
Revisione	Prodotto
REV.00 10/04/2026	OEM



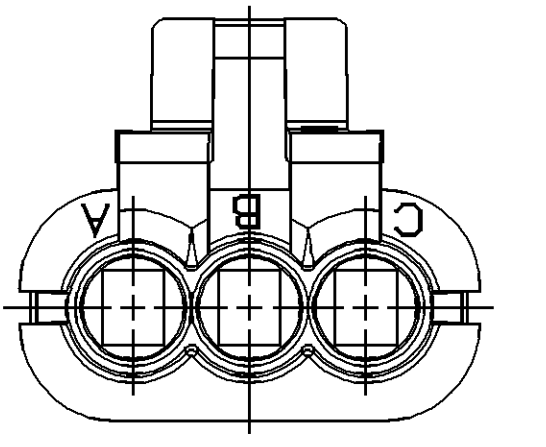
SECTION B-B
MATING CONNECTOR INFORMATION



TYPE 101

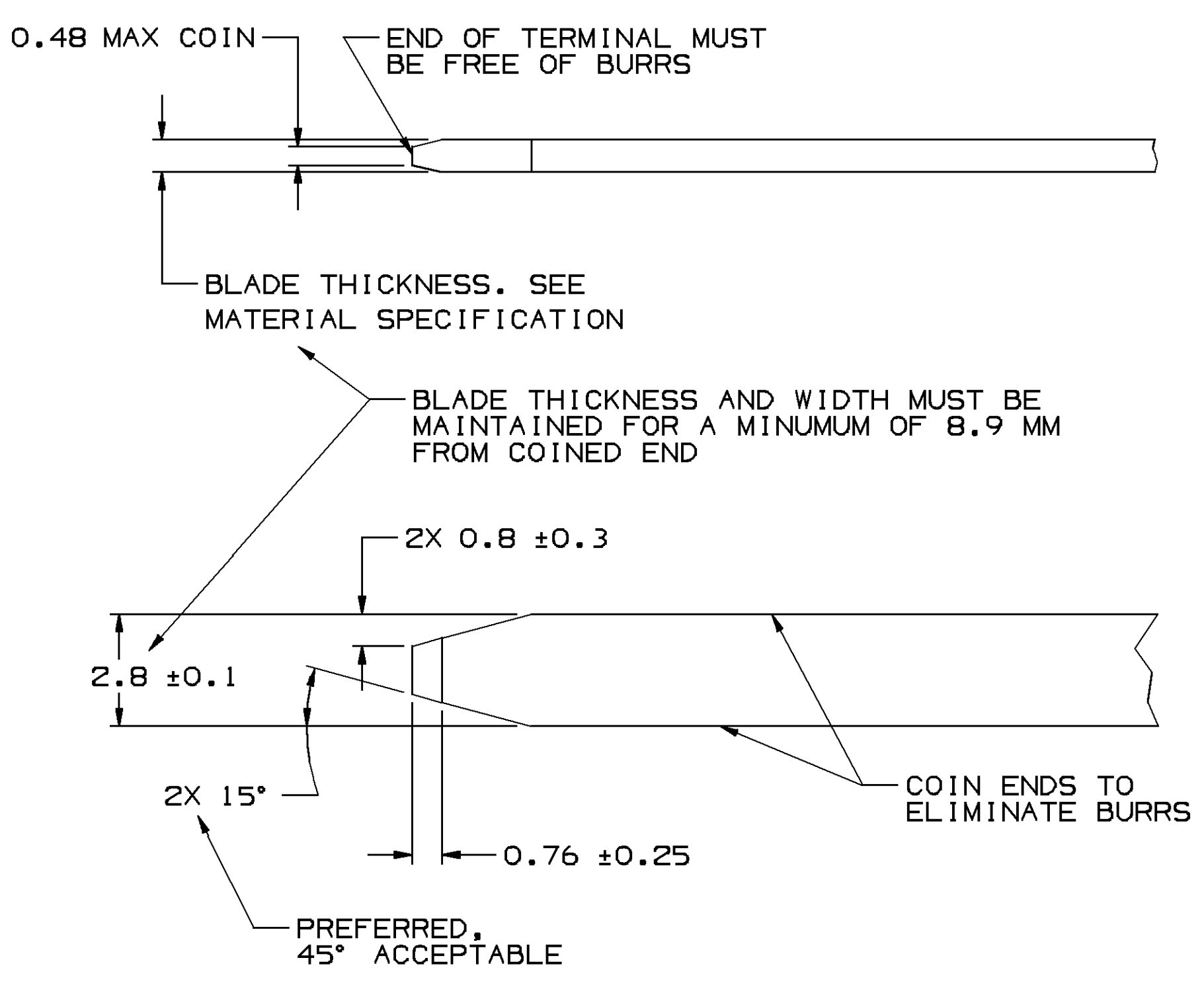


TYPE 101



TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN

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 INSP NOCTIONS REQUIRED	13	N
	LAST NO. USED	13	



RECOMMENDED
BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER
PLATING - 0.005±0.0025 MM THICK TIN

MINIMUMS
ELECTRICAL CONDUCTIVITY - ≥ 20% IACS @ 20°C. USE OF A MATERIAL WITH CONDUCTIVITY < 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

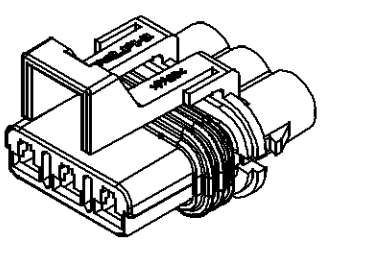
TENSILE STRENGTH - 407 MPa

PLATING -FOR LOW ENERGY (≤ 5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.005±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.005±0.0025 MM THICK IS REQUIRED.

BLADE THICKNESS
UNPLATED = 0.813 ± 0.025
TIN PLATED = 0.823 ± 0.03

MATING TERMINAL INFORMATION
SCALE 8:1

- NOTES
- 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.
 - WHEN PARTS ARE SHIPPED THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINERS MUST BE LINED WITH PLASTIC LINERS. BAGS OR LINERS MUST BE SEALED TO AVOID FOREIGN MATTER.
 - SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK), ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT
 - THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
TERMINAL 12077411
SECONDARY TERMINAL LOCK 12034145
CABLE SEAL 12015323
CONNECTOR POSITION ASSURANCE LOCK 12020833



12177244	A2	-	-	102	12176686	GRAY	12034144	A, B, C	-	15300003	
12040977	A2	-	-	101	12040951	BLACK	12034144	-	AC25007562	15300003	
PART	NO	REV	N/P	STATUS	TYPE	CONNECTOR	CONN COLOR	CONN SEAL	BLOCKED CAVITIES	MATING DEVICE	MATING CONNECTOR

DIMENSIONAL RANGE (MM)		TOLERANCE UNLESS OTHERWISE SPECIFIED	
FROM	TO	±	±
> 0	> 30	±0.2	±0.3
> 30	> 70	±0.3	±0.4
> 70	> 100	±0.4	±0.5
> 100	> 150	±0.5	±0.6
> 150	> 200	±0.6	±0.8
> 200	> 250	±0.8	±1.0
> 250	> 300	±1.0	±1.2
> 300	> 400	±1.2	±1.5

THIRD ANGLE PROJECTION		DO NOT SCALE	
SCALE	FRAME NO	SHEET NO	REV
1	1	1	1

DELPHI
DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

DATE: 13JUN95

DR: W. TURNBULL
APR02: D. BRANTINGHAM
APR03: R. KEEN
APR04:
APR05:

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 1044001

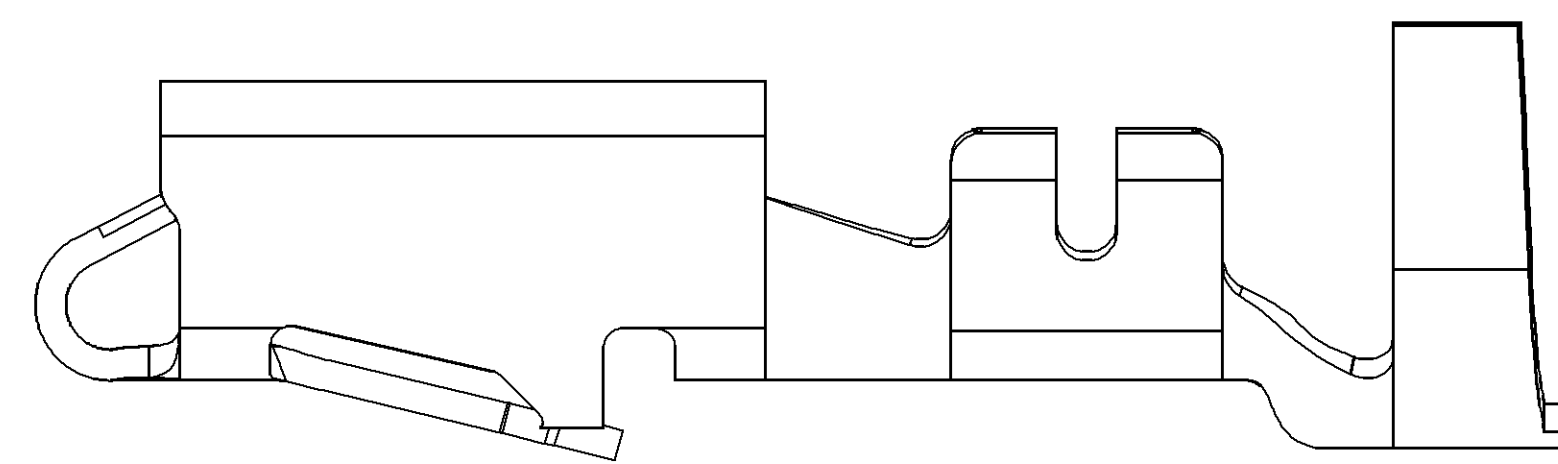
MATERIAL:

SEE CHART

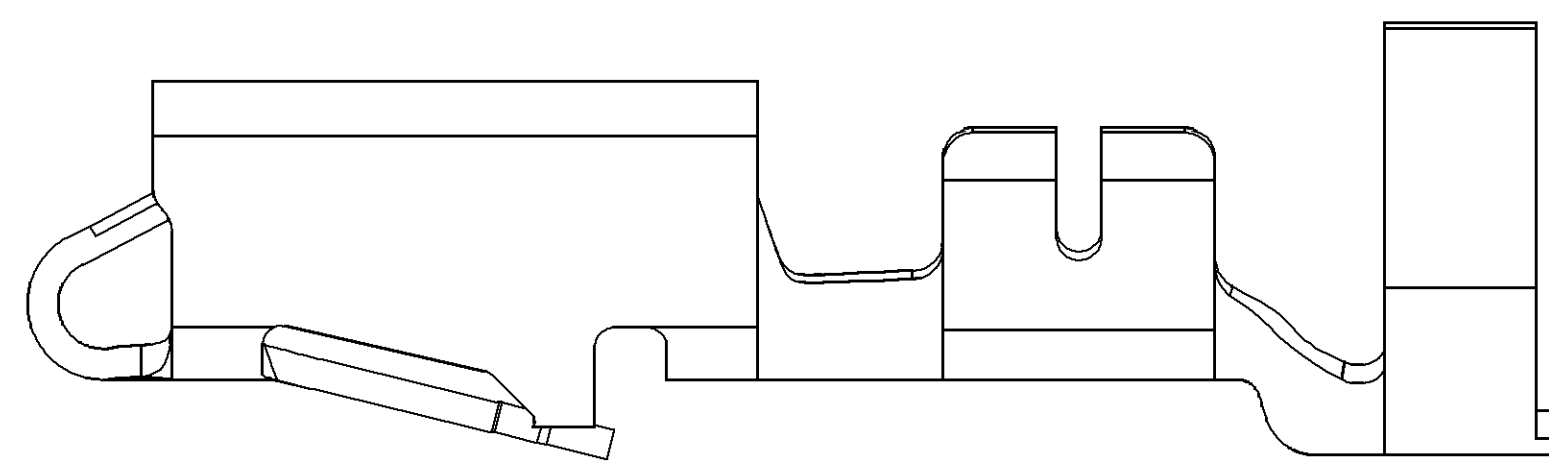
DRAWING NAME:
TAXI ASM CONN F M/P 280 SLD

DRAWING NUMBER:
12177245

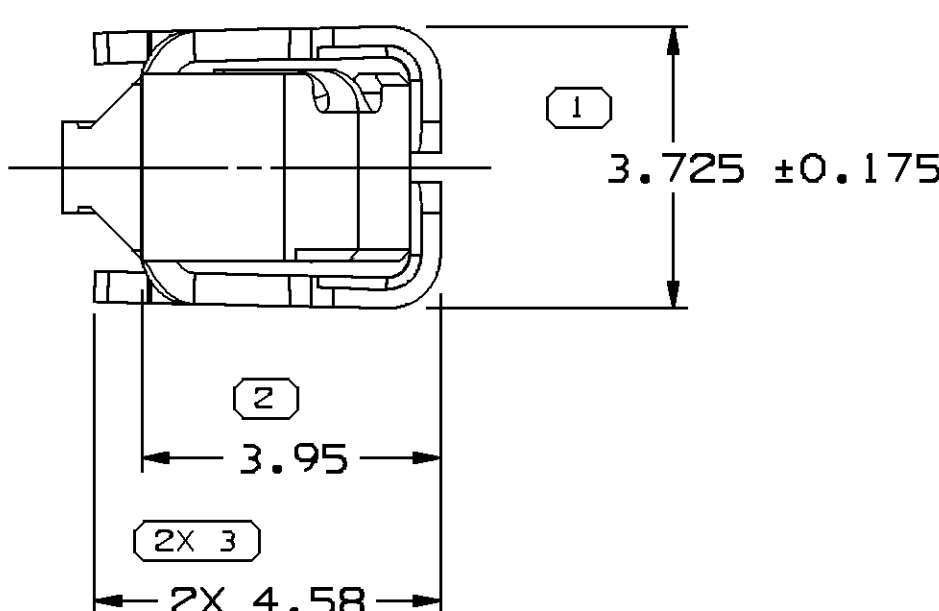
SIZE: A0
SCALE: 2:1
FRAME NO: 1
SHEET NO: 1
REV: 1
N/P: -



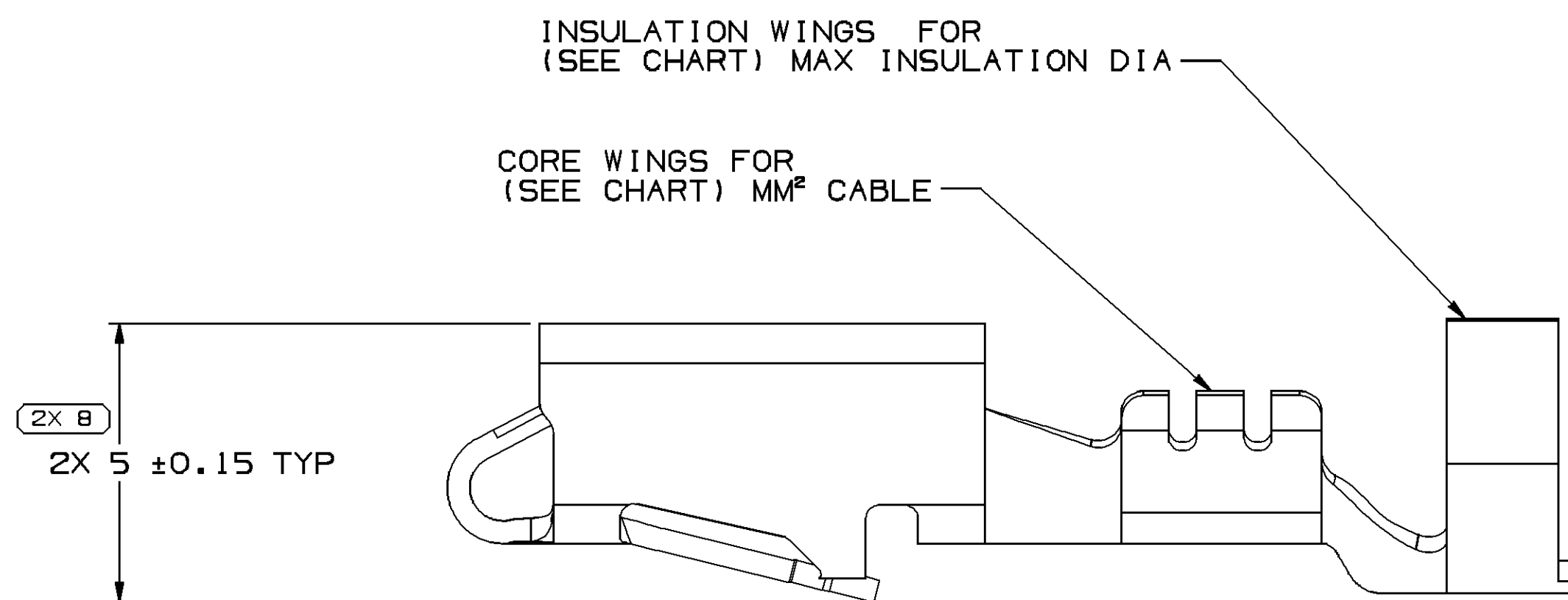
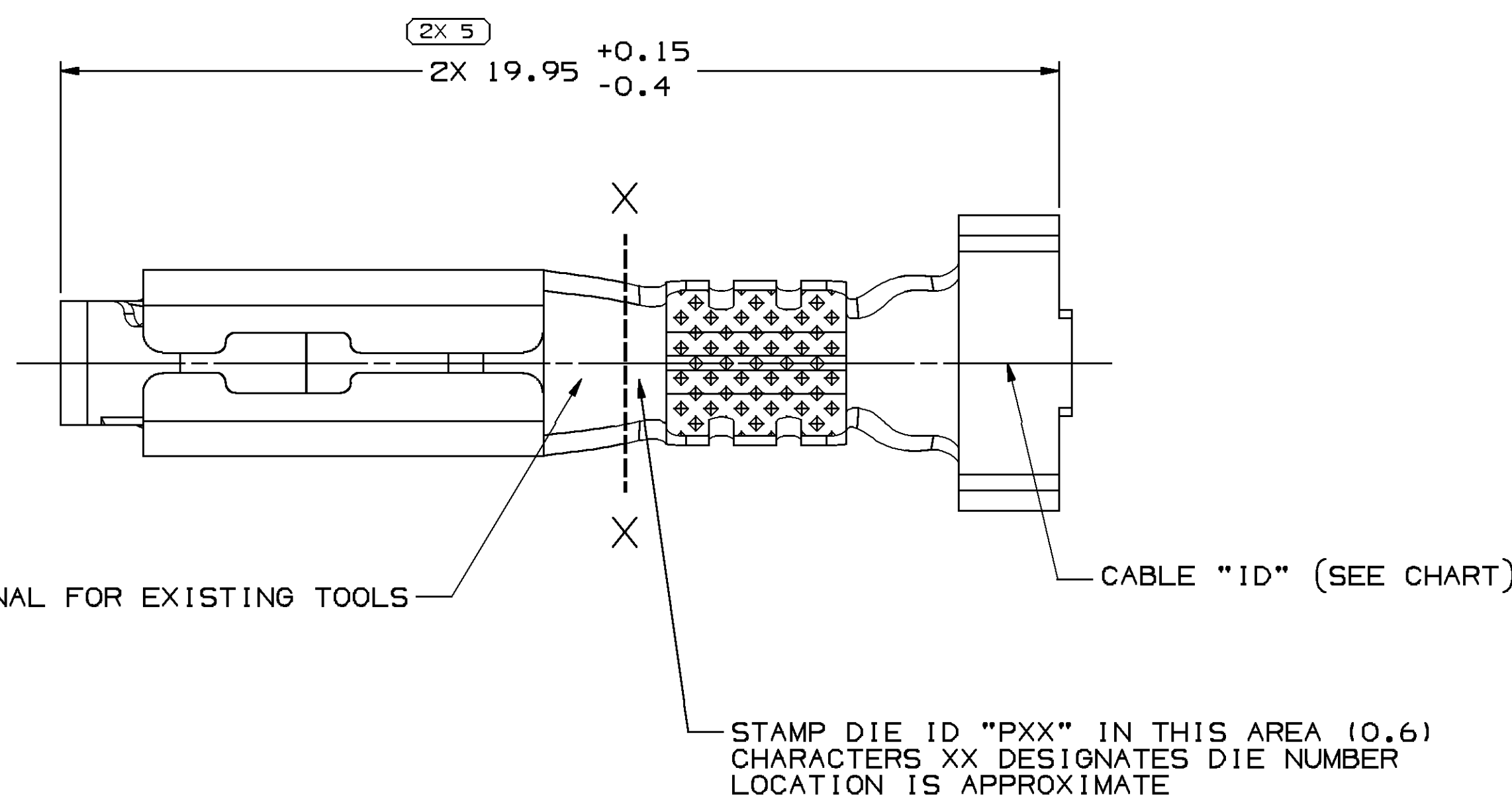
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



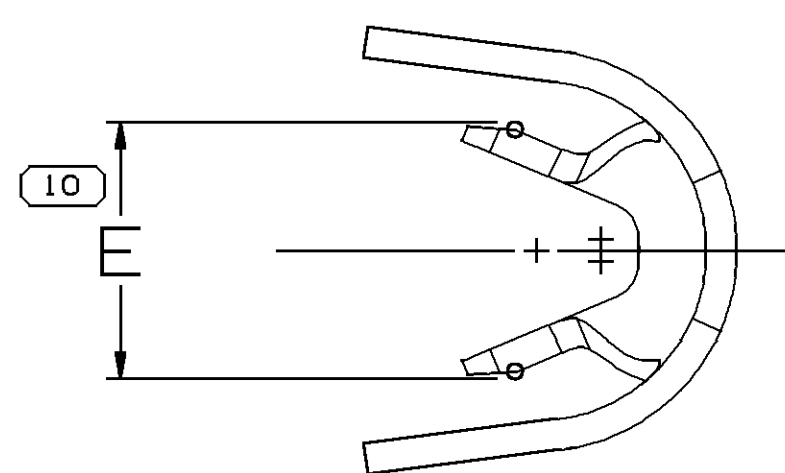
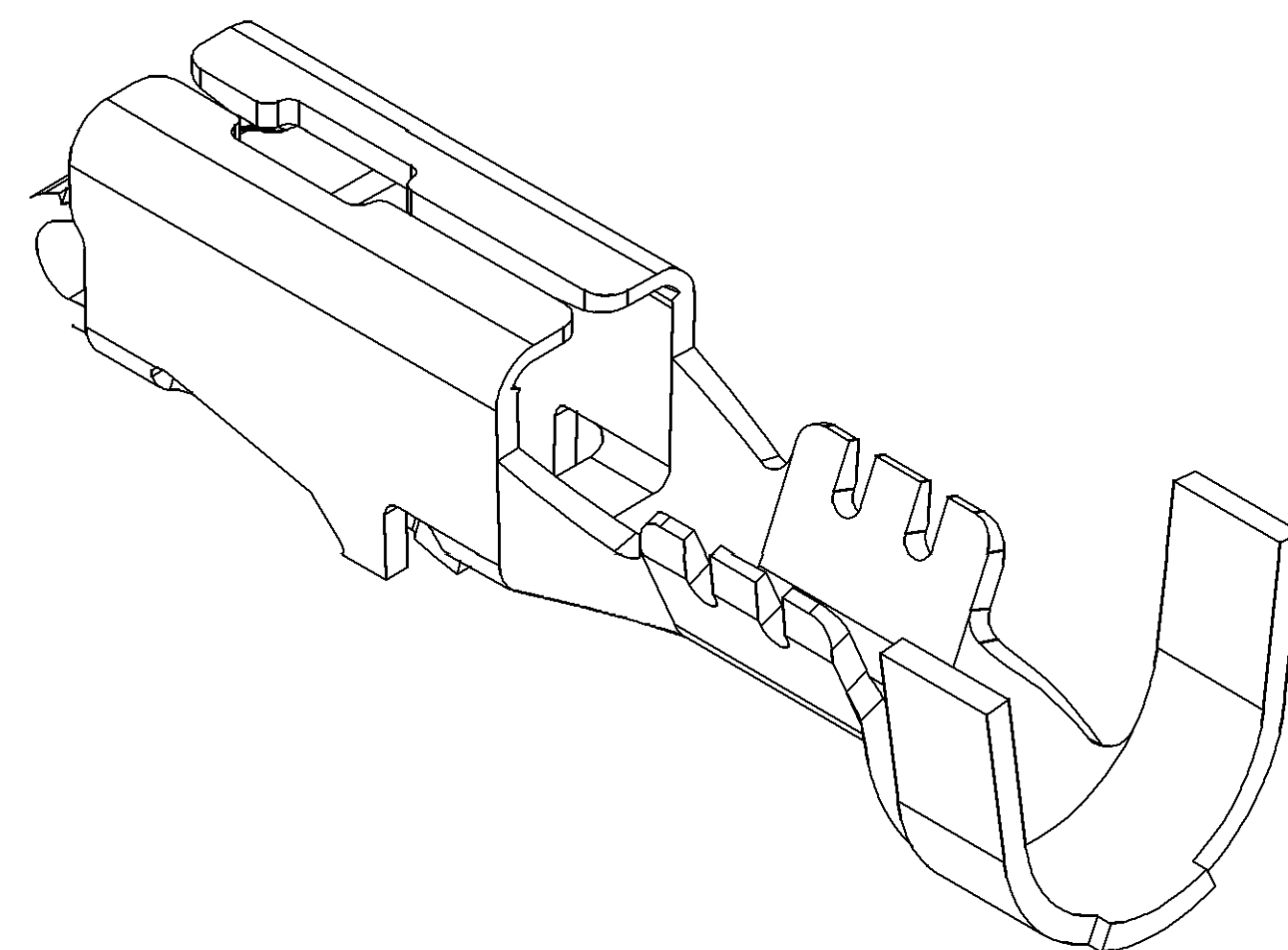
TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN



VIEW TO X-X



TYPE 101



VIEW TO X-X

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. R 0.4 PERMISSIBLE ON ALL "SHARP" CORNERS
3. RECOMMENDED MATING BLADE 2.8 X 0.81.

4. TERMINALS TO CRIMP AROUND AND RETAIN CAVITY SEAL 12015323 OR EQUIVALENT.

5. "PXX" INDICATES "P" PLUS LAST TWO DIGITS OF MAKE SERIES NUMBER (P01, P02, P03, ETC.).

6. DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION (THE SPRING OR ANY MOVING PART) OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.

7. FOR TERMINALS PACKAGED & STORED IN THE APPROVED MANNER, TARNISH ON SILVER PLATED SURFACES WILL NOT AFFECT THE PERFORMANCE OF THE PART.

-	-	-	0.406 X 30.56	-	12176390	A8	-	-	AG PLATED COPPER ALLOY	0.35-0.5	0.35-0.5	21	103	2.4±0.2
-	-	-	-	-	12176389	A9	-	-	AG PLATED COPPER ALLOY	0.8-1	2.03-3.12	19	101	3.2±0.4
-	-	-	0.406 X 30.56	-	33231919	01	-	-	AG PLATED COPPER ALLOY	1-2	2.48-3.05	15	103	3.7±0.4
-	-	-	0.406 X 30.56	-	12176388	A8	-	-	AG PLATED COPPER ALLOY	2-3	2.45-3.80	13	103	4±0.4
-	-	-	0.406 X 30.56	-	12176387	A8	-	-	AG PLATED COPPER ALLOY	5	3.49-3.65	12	103	4.6±0.4
-	-	-	0.406 X 30.56	-	12129493	C8	-	-	TIN PLATED COPPER ALLOY	2-3	2.45-3.80	13	103	4±0.4
-	-	-	0.406 X 30.56	-	12084201	E11	-	-	TIN PLATED COPPER ALLOY	0.35-0.5	1.84-2.51	21	101	2.4±0.2
-	-	-	0.406 X 30.56	-	12077413	E11	-	-	TIN PLATED COPPER ALLOY	3	3.49-3.65	12	103	4.6±0.4
-	-	-	0.406 X 30.56	-	12077412	E9	-	-	TIN PLATED COPPER ALLOY	1-2	2.48-3.05	15	103	3.7±0.4
-	-	-	0.406 X 30.56	-	12077411	E11	-	-	TIN PLATED COPPER ALLOY	0.5-0.8-1.0	2.03-3.12	19	101	3.2±0.4
-	-	-	0.406 X 32.54	-	12045639	D8	-	-	P1519027 425 TIN BRS EX HD SN PLTD	3	3.49-3.65	12	102	4.6±0.4
-	-	-	0.406 X 32.54	-	12034454	F8	-	-	P1519027 425 TIN BRS EX HD SN PLTD	1-2	2.48-3.05	15	102	3.7±0.4
-	-	-	0.406 X 32.54	-	12026648	H8	-	-	P1519027 425 TIN BRS EX HD SN PLTD	0.5-0.8	2.03-3.12	19	101	3.2±0.4
PART	NO	REV	MAT'L SIZE	SPEC	PART	NO	REV	N/P	MAT'L SPEC	SIZE (MM²)	DIA	ID	TYPE	E
UNPLATED					PLATED					CABLE				

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	4 6 9	
	LAST NO. USED	10	

CWS STATUS		ZONE		REVISION HISTORY		AUTH		DR		APVD	
DATE	STG	REV	W/R	CHG							
14JA00	R	001	-	-	CLEARED REV COLUMN: ALL ACTIVE PARTS-UPDATED PDM ATTRIBUTES	196648	CRW	061	LLD		
17JL00	R	002	-	-	REINSTATE 12077412	000010	JIB	JIB	JA		
150C04	R	03	-	-	ALL ACTIVE PARTS - ADDED TERMINAL ID NOTE	260003	RTV	JVM	MKM		
24FE05	R	04	-	-	ALL ACTIVE PARTS - REVISED MAT'L SPEC & DRAWING NAME	265136	JS	JS	TM		
18MY05	R	05	-	-	12176389 - UPDATED PDM ATTRIBUTES	268280	JBD	FKV	WTM		
30SE05	R	06	-	-	12077411, 12077413, 12084201, 12129493 & 12176389 - UPDATED PDM ATTRIBUTES; 12077411 - ADDED 1.0 MM² CABLE; ALL ACTIVE PARTS - ADDED NOTE# 6	272905	JTV	AUG	WTM		
11JA08	R	07	-	-	ALL PARTS - 2X 5 ±0.15 TYP WAS 2X 5 ±0.01 TYP	403419	WHC	WHC	WTM		
18FE15	R	08	-	-	33231919 - RELEASED AND 12176387-90 - ADDED TARNISH NOTE	428904	NRM	JVM	DS		

DELPHI		DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE	
WARREN, OH		COPYRIGHT 1998 DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED.	
THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION AND CONTAINS DELPHI 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.		DATE	
APVD1 JORGE IBARRA		29MY98	
APVD2 OSCAR OCHOA		02JUN98	
APVD3 O. GALLEGOS		16JUL98	
APVD4			
APVD5			
SUBSTANCES OF CONCERN AND RECYCLED CONTENT, PER DELPHI (924990)			
DRAWING NAME		TAXI TERM F M/P 280 SEALED	
DRAWING NUMBER		12089195	
SIZE		A0	
SCALE		10:1	
FRAME NO		1 OF 1	
SHEET NO		1 OF 1	
STG		R	
REV		08	
N/P			

PROCESS SENSITIVE DIMENSION		THIRD ANGLE PROJECTION		DO NOT SCALE	
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED		USE MATH DATA			
DIMENSIONAL RANGE (MM)		FROM		TO	
0		0		> 12	
TOLERANCE UNLESS OTHERWISE SPECIFIED		±0.1		±0.2	
ANGULAR TOLERANCE ±2°					



II

BL

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

2. THE MYLAR TAPE IS ONLY A CARRIER USED AS A PROCESS AID AND IS NOT PART OF THE FINAL HARNESS ASSEMBLY.

3. 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.

N/A PROCESS SENSITIVE DIMENSION

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