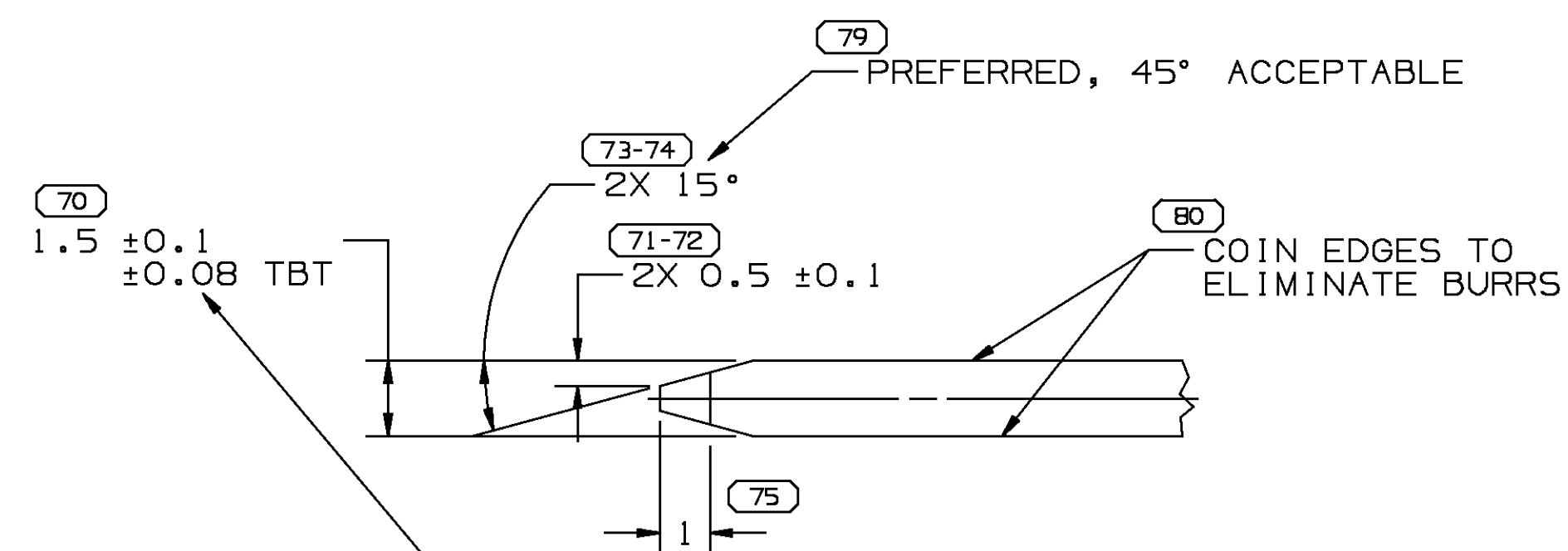


SYMBOL DEFINITION				MISSING NUMBERS	
THE NUMBER INSIDE THE SYMBOL CORRESPONDS TO THE NUMBER ON THE INSPECTION REPORT FOR THIS DRAWING/PART NUMBER	TOTAL NO. OF SYMBOLS ON DRAWING	70	LAST NO. USED	81	

DWG STATUS					REVISION HISTORY					AUTH	DR	CK	APVD
DATE	STG	REV	QWG	N/P	ZONE	Cleared Revision Column & 15355009 -							
23MR99	R	001	-	-		REVISED GRAPHICS					193707	JAK	KM



MATERIAL SPECIFICATIONS

RECOMMENDED
BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER
PLATING - 0.0050±0.0025 MM THICK TIN

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

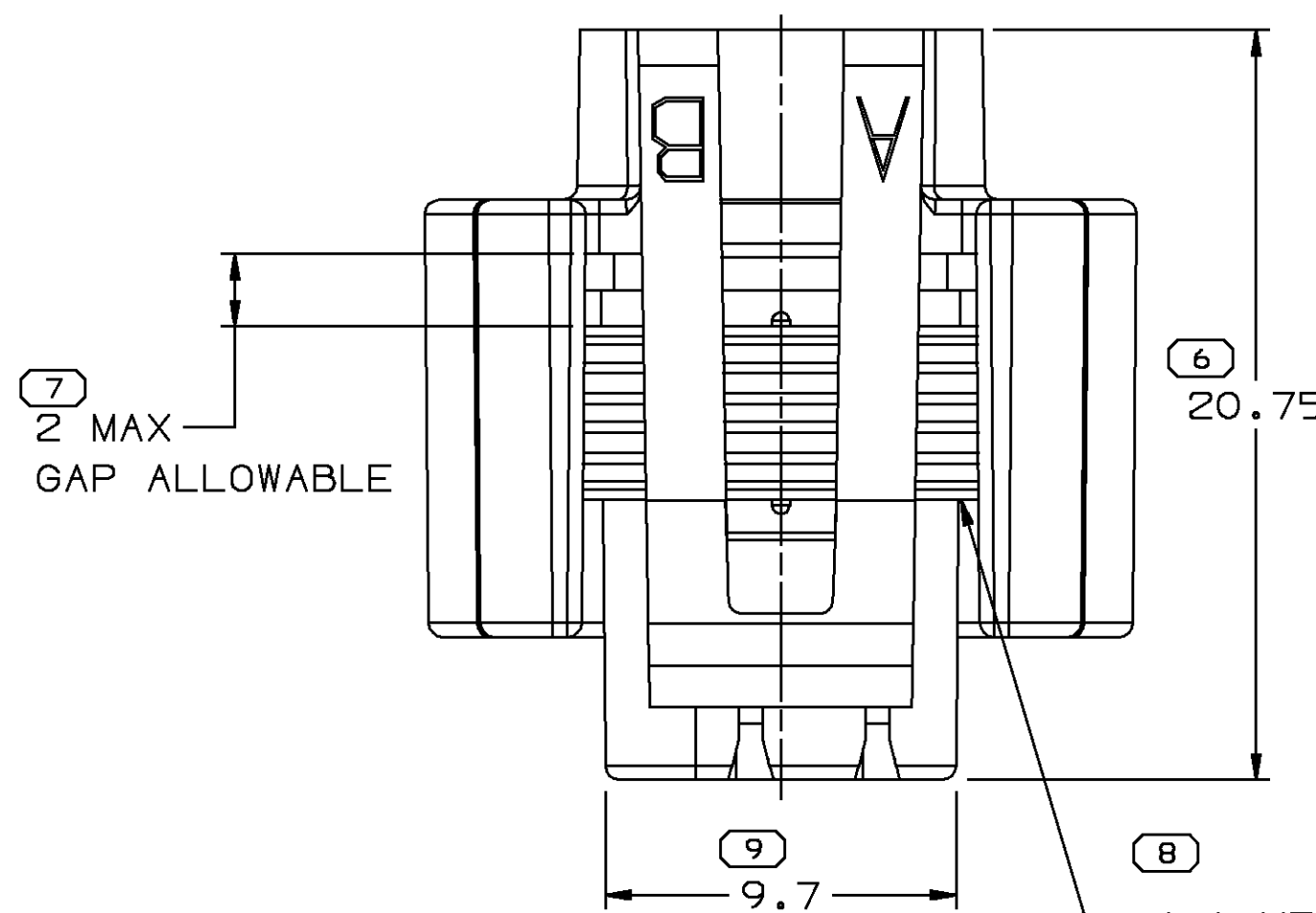
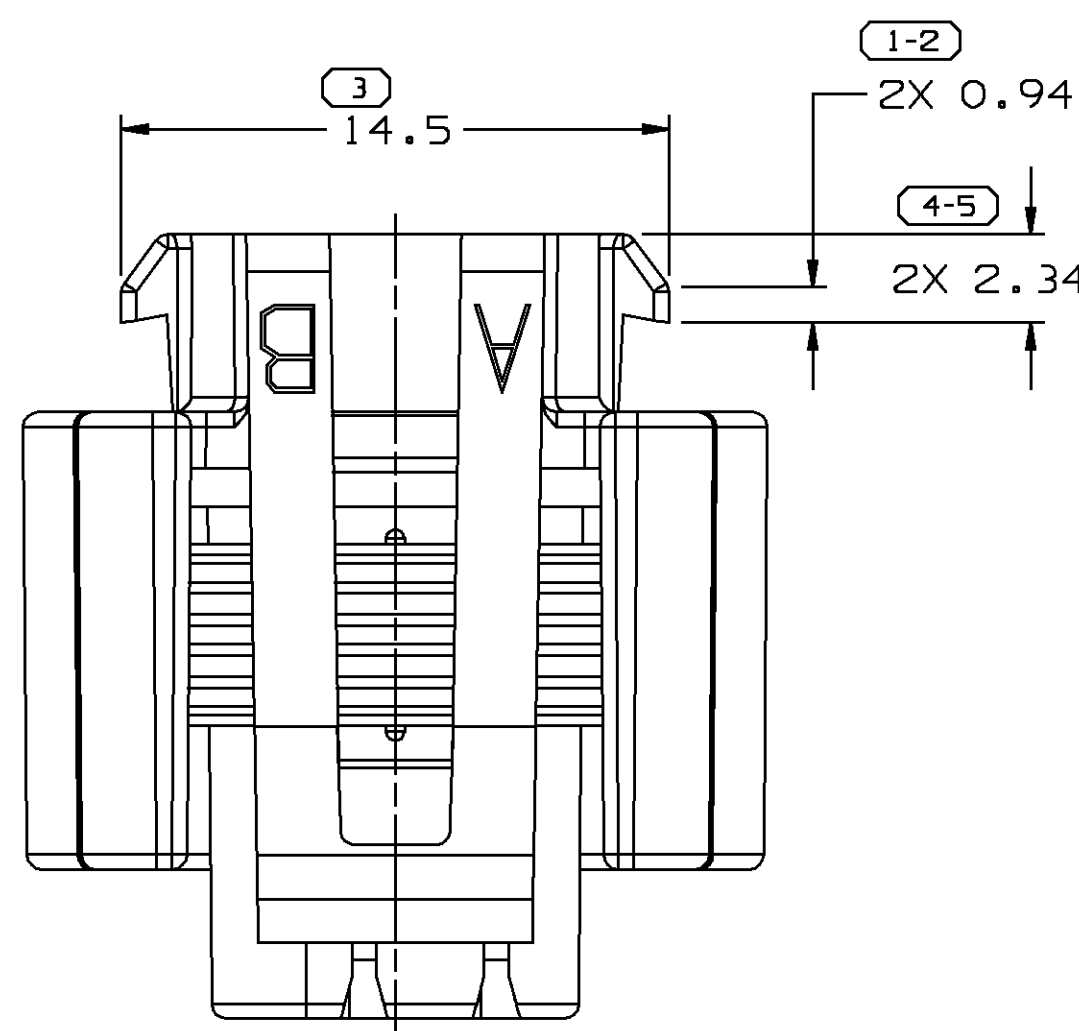
TENSILE STRENGTH - 407 MPa

PLATING - FOR LOW ENERGY (≤5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.0050±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0050±0.0025 MM THICK IS REQUIRED.

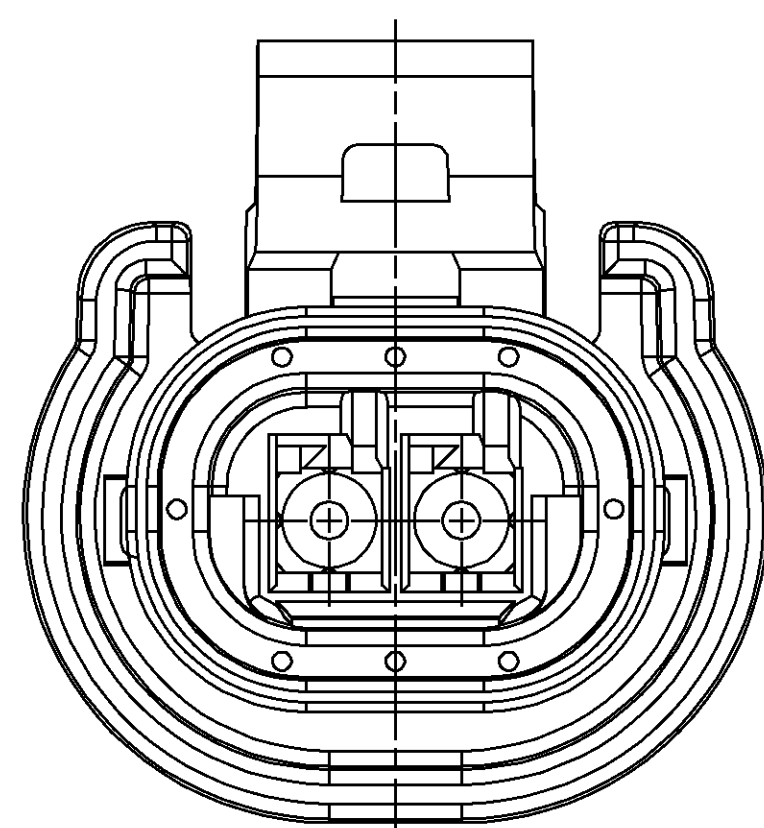
MINIMUMS
UNPLATED = 0.813 ±0.025
TIN PLATED = 0.823 ±0.030

MATING BLADE INFORMATION

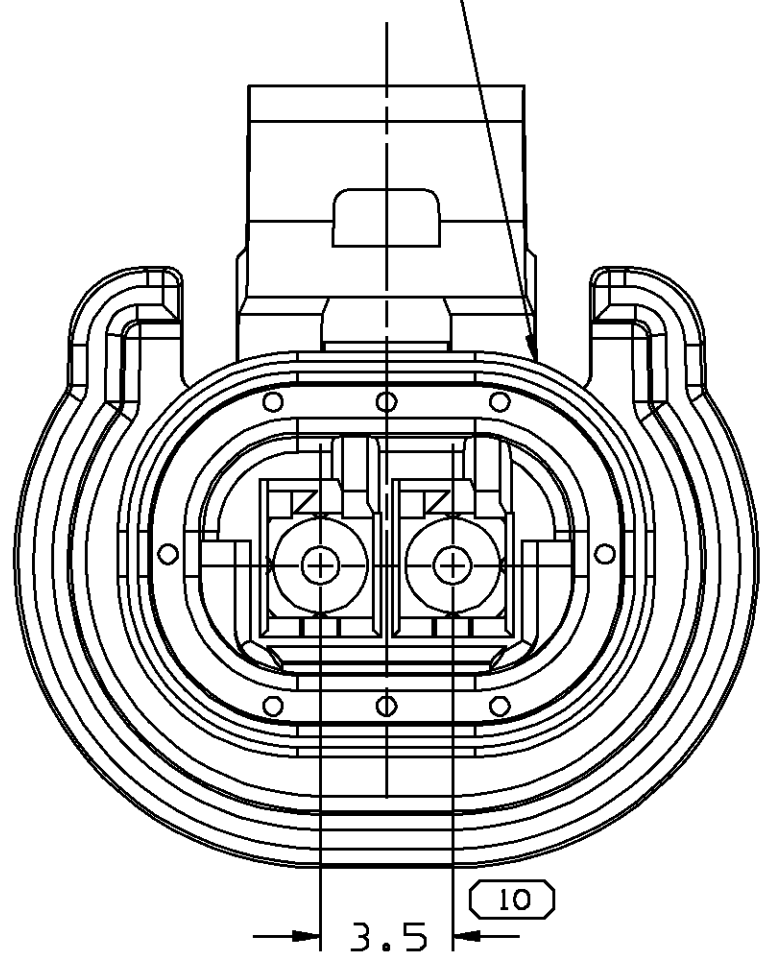
SCALE 8:1



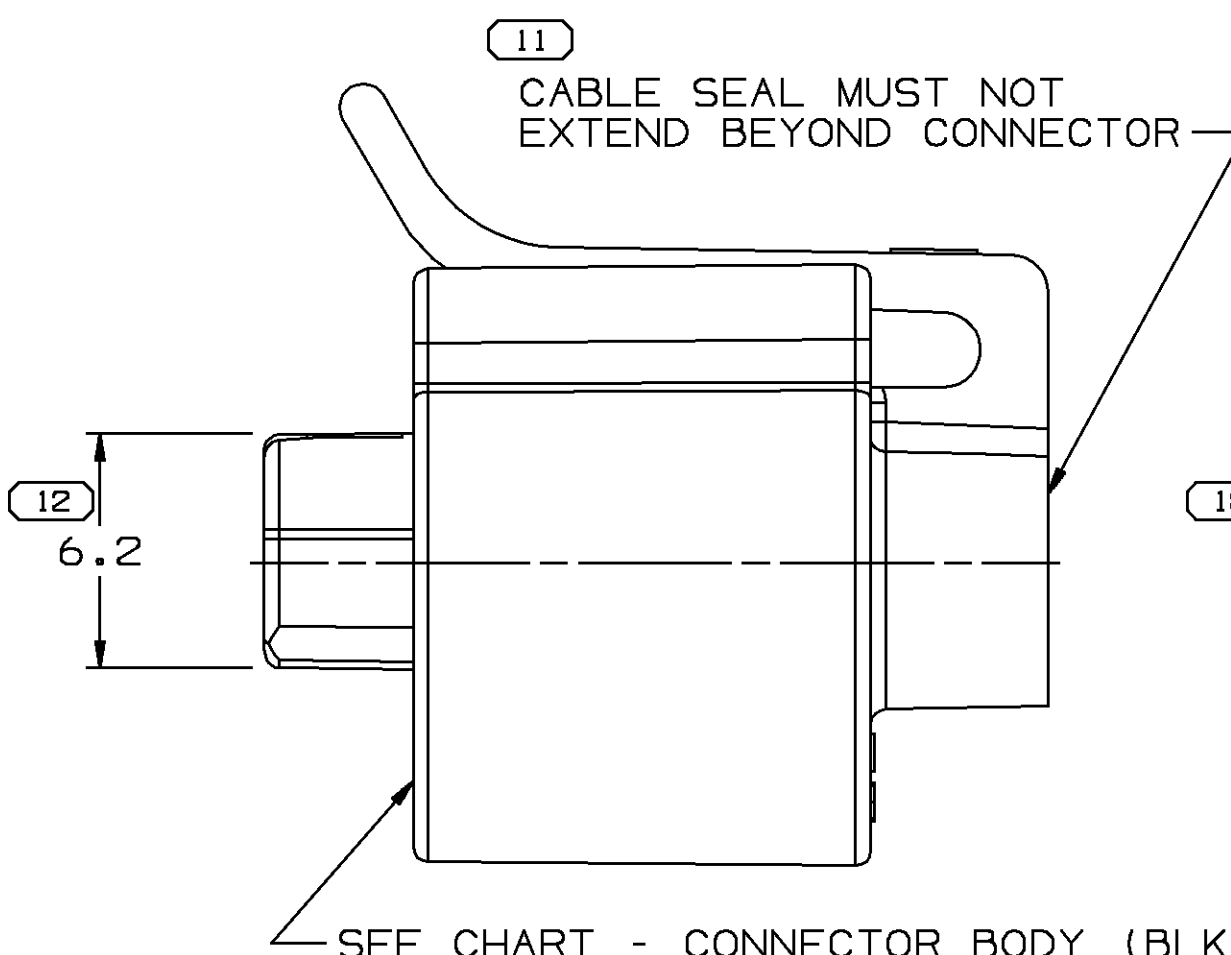
15355008 - CONNECTOR SEAL
(SEE NOTE 7)



TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



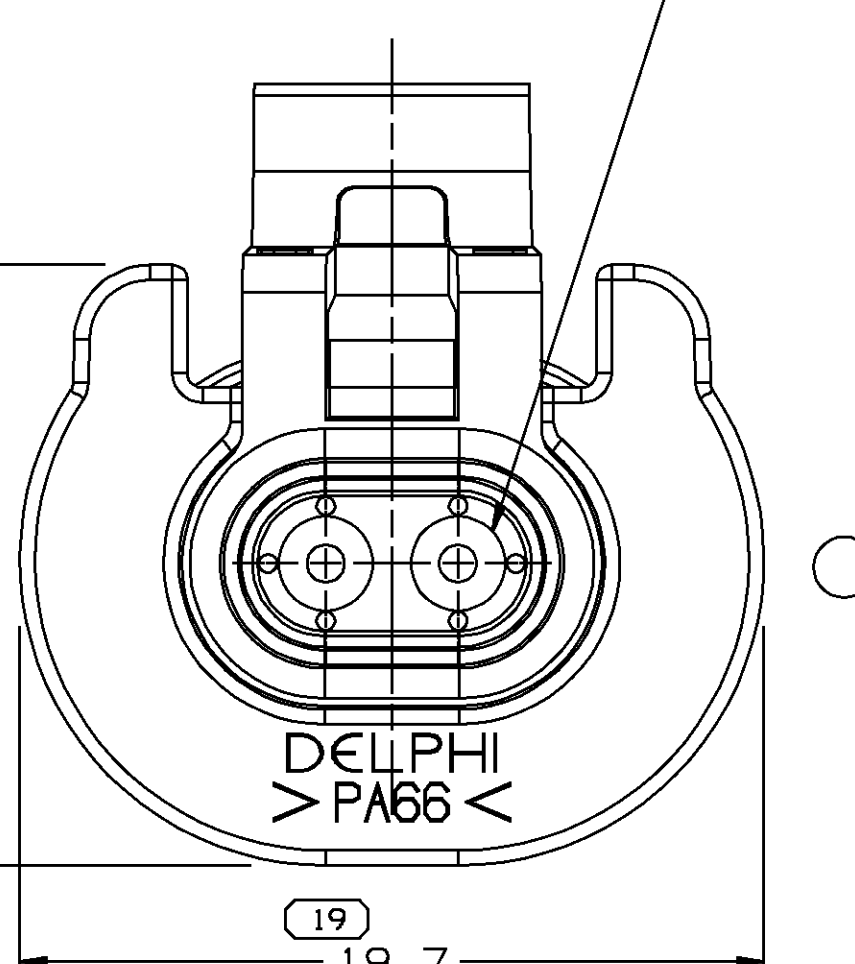
TYPE 101



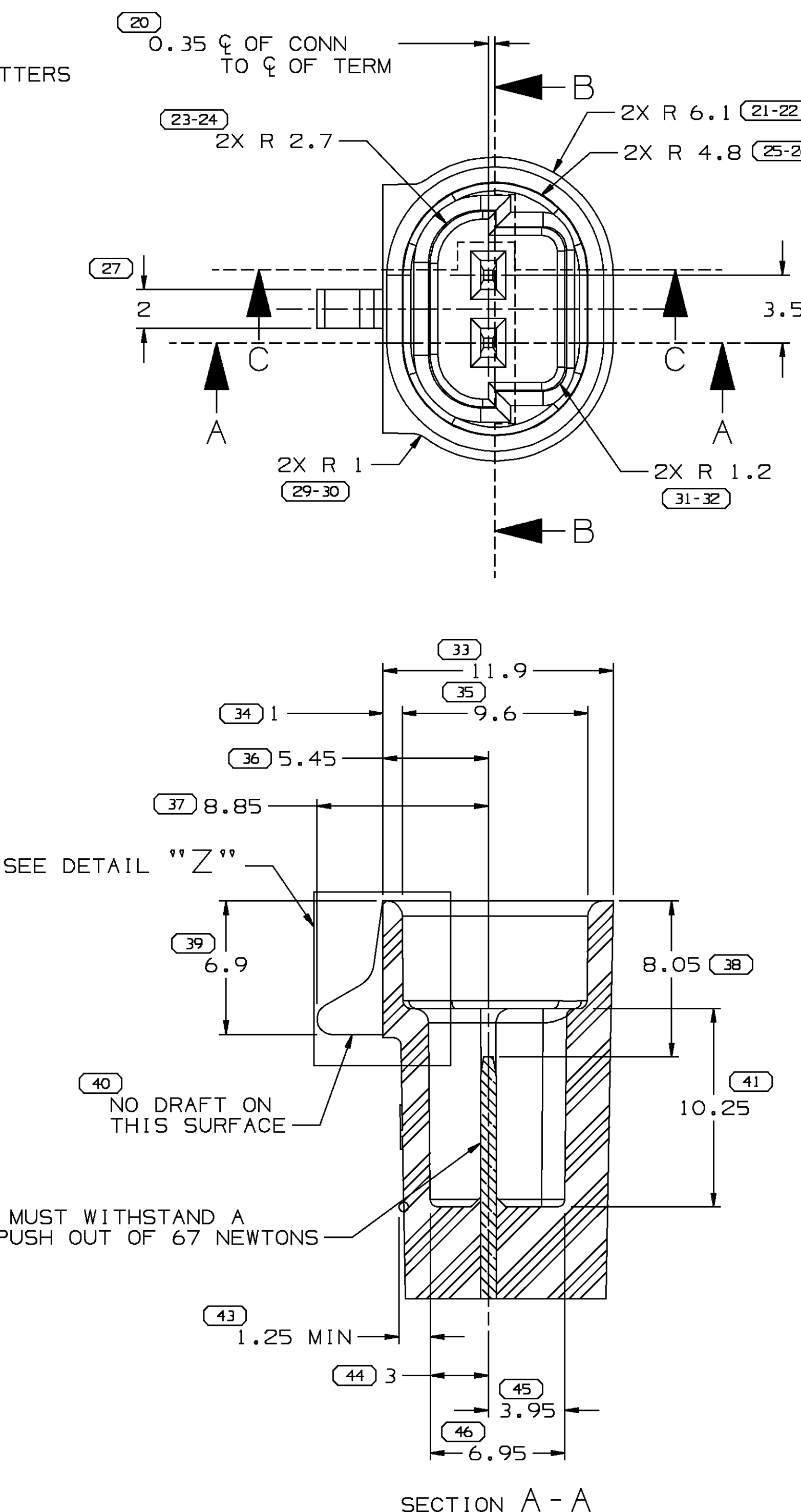
(11) CABLE SEAL MUST NOT
EXTEND BEYOND CONNECTOR

SEE CHART - CONNECTOR BODY (BLK)

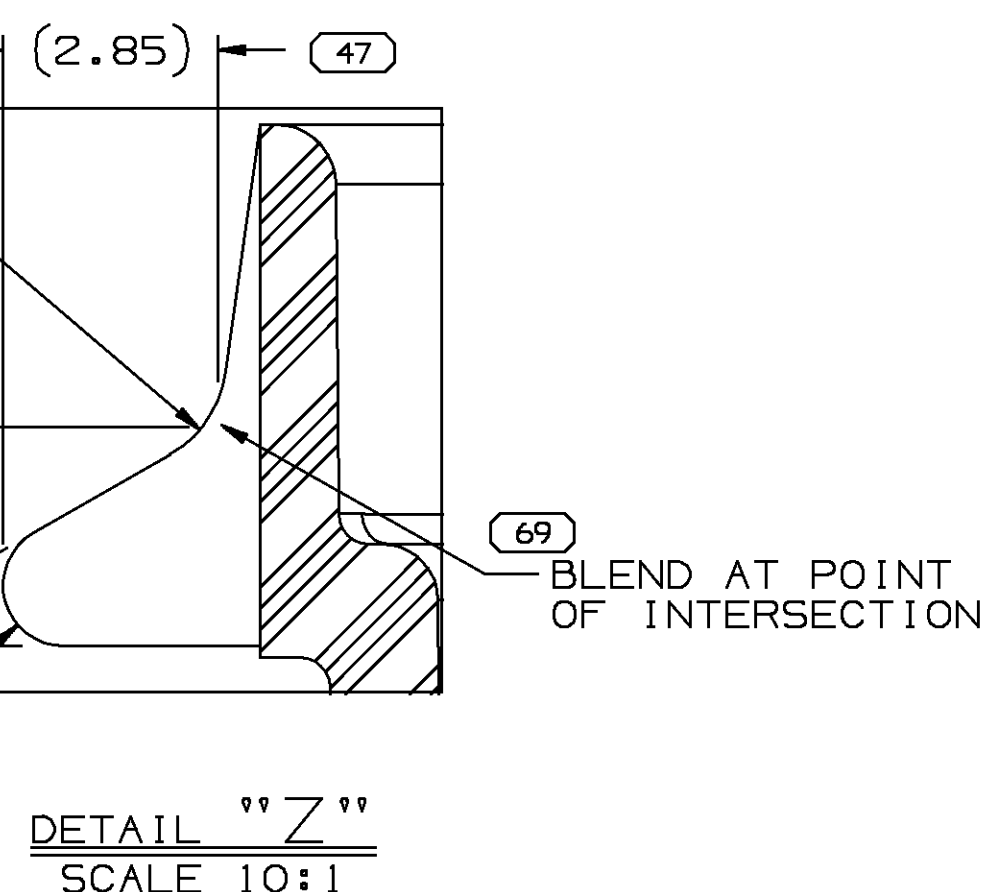
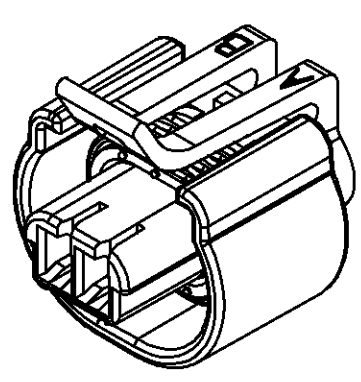
12110514 - CABLE SEAL



MATING CONNECTOR INFORMATION



- 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 DIMENSION)
 - MATING COMPONENTS:
TERMINAL 12124075 OR EQUIVALENT
MAX CABLE O.D. MUST BE LESS THAN 2.68
CONNECTOR SEAL 15355008 OR EQUIVALENT
CABLE SEAL 12110514 OR EQUIVALENT
 - THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.
 - TERMINAL POSITION ASSURANCE FEATURE IS ACHIEVED BY THE USE OF FULL TO SEAT TERMINAL DESIGN
 - SEALING CODE 3
DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-710 (METRI-PACK)
- WHEN MATED TO MATING PART OR EQUIVALENT
 - 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.
 - THIS CONN ASM CANNOT BE USED IN A FUEL ENVIRONMENT BECAUSE THE CONN SEAL MATERIAL IS SILICONE.



DETAIL "Z"

SCALE 10:1

SECTION B-B

- 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 DIMENSION)
ALL RADII 0.40
DRAFT IS 1° ON ALL OUTSIDE SURFACES
 - RECOMMENDED MATERIAL - GLASS FILLED NYLON OR POLYESTER
 - WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM PACKARD ELECTRIC

DELPHI Automotive Systems																																											
MATERIAL SPEC SEE DRAWING				<table><tr><th colspan="6">DIMENSIONAL RANGE (MM) CHART</th></tr><tr><td>FROM</td><td>0</td><td>> 20</td><td>> 30</td><td>> 70</td><td>> 100</td></tr><tr><td>TO</td><td>20</td><td>30</td><td>70</td><td>100</td><td></td></tr><tr><td colspan="6">TOLERANCE UNLESS OTHERWISE SPECIFIED</td></tr><tr><td colspan="6">10.1-15.1 ±0.2 15.1-30.1 ±0.3 30.1-70.1 ±0.5 70.1-100.1 ±0.7</td></tr><tr><td colspan="6">ANGULAR TOLERANCE ±2°</td></tr></table>				DIMENSIONAL RANGE (MM) CHART						FROM	0	> 20	> 30	> 70	> 100	TO	20	30	70	100		TOLERANCE UNLESS OTHERWISE SPECIFIED						10.1-15.1 ±0.2 15.1-30.1 ±0.3 30.1-70.1 ±0.5 70.1-100.1 ±0.7						ANGULAR TOLERANCE ±2°					
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PART DRAWING				DISTR CODE																																							
CODE NUMBER 6900		DWG DATE 17JL98		SCALE 5:1																																							
QC SPEC		STYLE		VOLUME cm³																																							
PART GEOMETRY 3D SOLID VIRTUAL ASM				UNLESS OTHERWISE SPECIFIED:																																							
				PERFECT FORM REQUIRED FOR FEATURES OF SIZE AT MMC. TRUE POSITION TOLERANCES AND RELATED DATUMS APPLY AT CONDITION OF SIZE INDICATED IN FEATURE CONTROL FRAME. ALL OTHER GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. SEPARATE TRUE POSITION CALLOUTS MAY BE GAGED SEPARATELY, REGARDLESS OF DATUM REFERENCE.																																							
CHANGE RESTRICTED NO MANUAL CHANGES																																											
COPY OF MATH DATA DO NOT SCALE				REFERENCE 001		DATE 17JL98																																					
METRIC UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS				APVD1 FCO. KOPCA		17JL98																																					
				APVD2 FCO. KOPCA		20JL98																																					
				APVD3 K. MURPHY		17AU98																																					
				APVD4																																							
				APVD5																																							
THIRD ANGLE PROJECTION 				DRAWING NAME TAXI ASM CONN 2F M/P 150.2 P25																																							
SHEET NUMBER 1 OF 1		DRAWING NUMBER 15355058		<table><tr><th colspan="3">DWG STATUS</th></tr><tr><th>STO</th><th>REV</th><th>N/P</th></tr><tr><td>R</td><td>001</td><td>-</td></tr></table>		DWG STATUS			STO	REV	N/P	R	001	-	SIZE A0																												
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STO	REV	N/P																																									
R	001	-																																									

15355059	R	A2		OBSELETE	102	15355057
15355009	R	B1			101	15355007
PART NO	STG	REV	N/P	STATUS	TYPE	CONNECTOR BODY

THE DIMENSION NUMBERS SHOWN BELOW INDICATE DIMENSIONS THAT ARE PROCESS SENSITIVE FOR PART PRODUCTION			
(70)	(71)	(72)	(73)
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED			

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