

ARD EL
WARREN. OHIO

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RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

PLATING - 0.0050±0.0025 MM THICK TIN

MINIMUMS

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

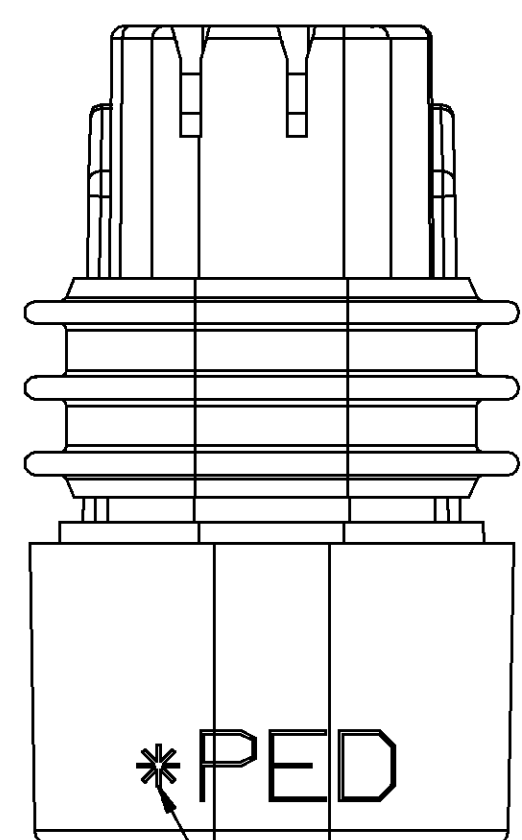
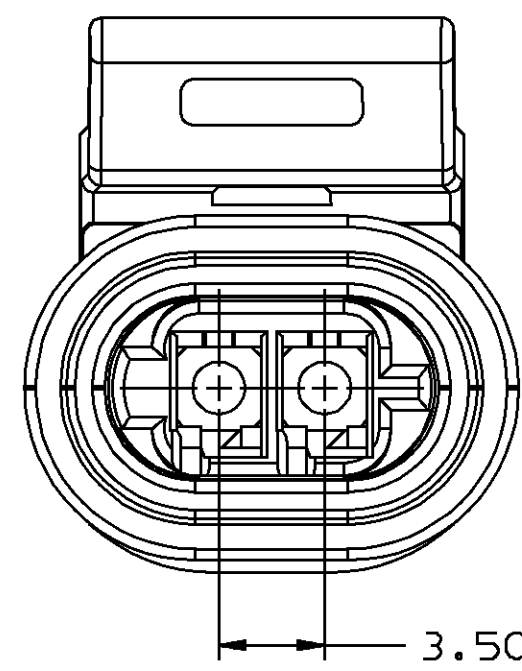
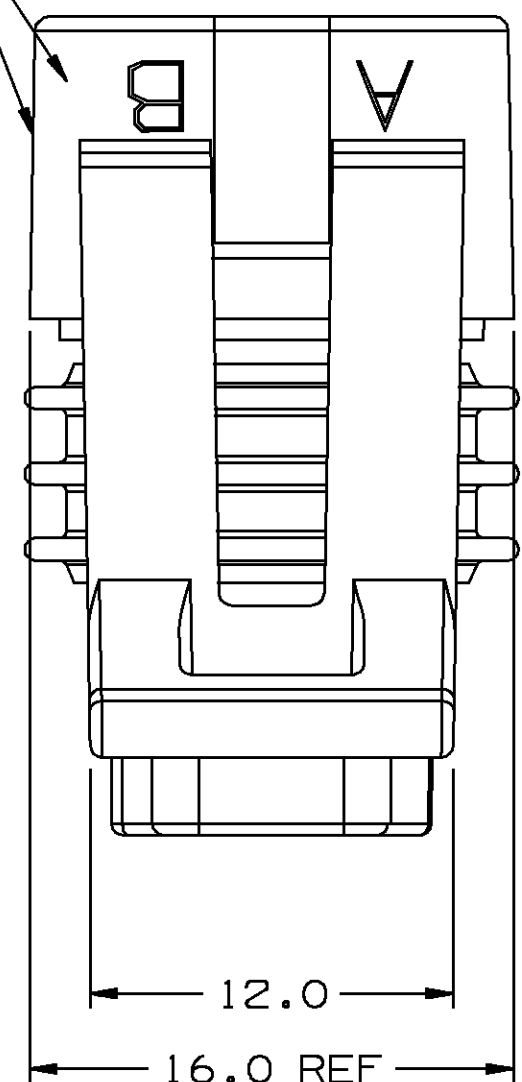
TENSILE STRENGTH - 407 MPa

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

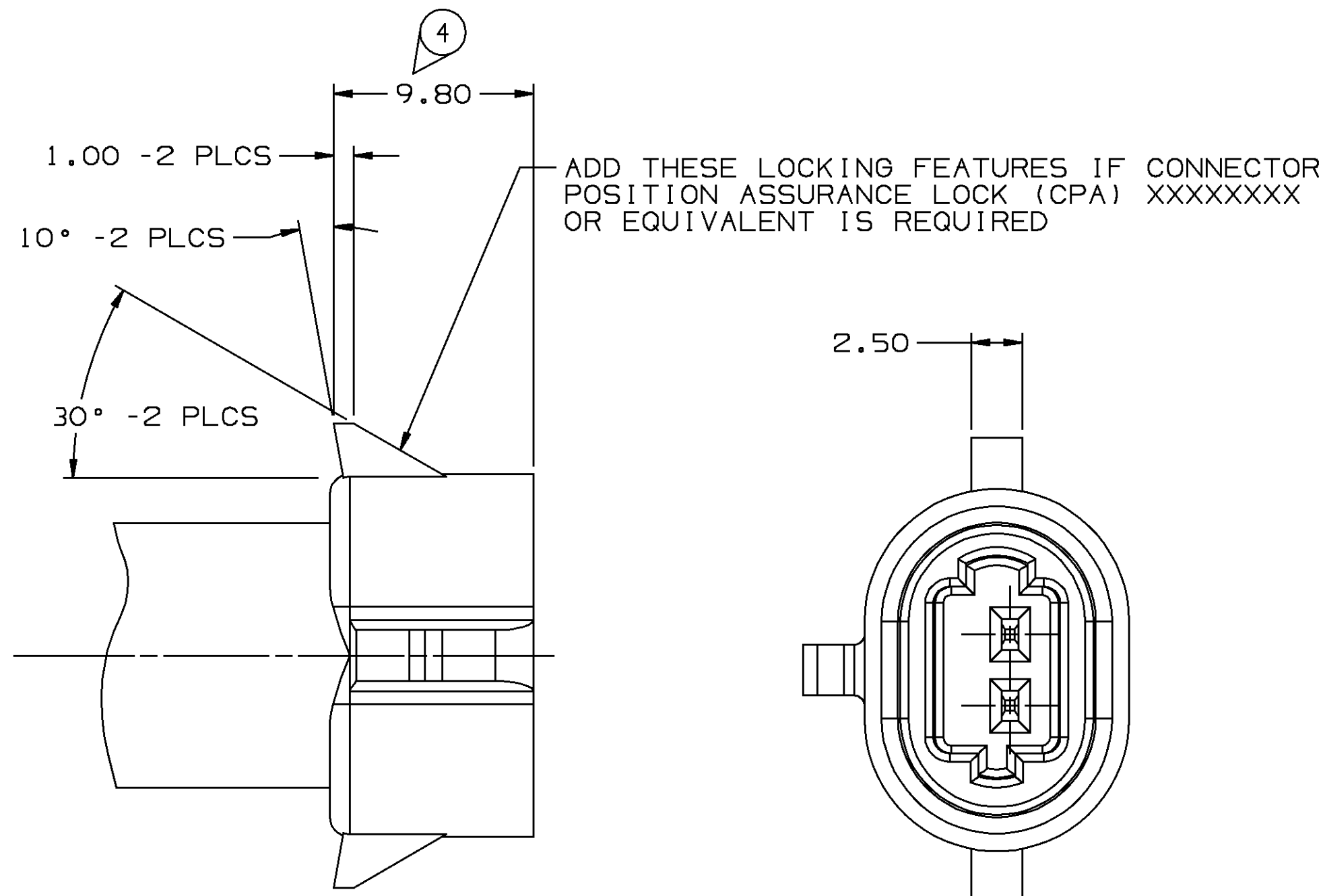
BLADE THICKNESS
UNPLATE = 0.813 ± 0.025
TIN PLATE = 0.823 ± 0.030

MATING BLADE INFORMATION

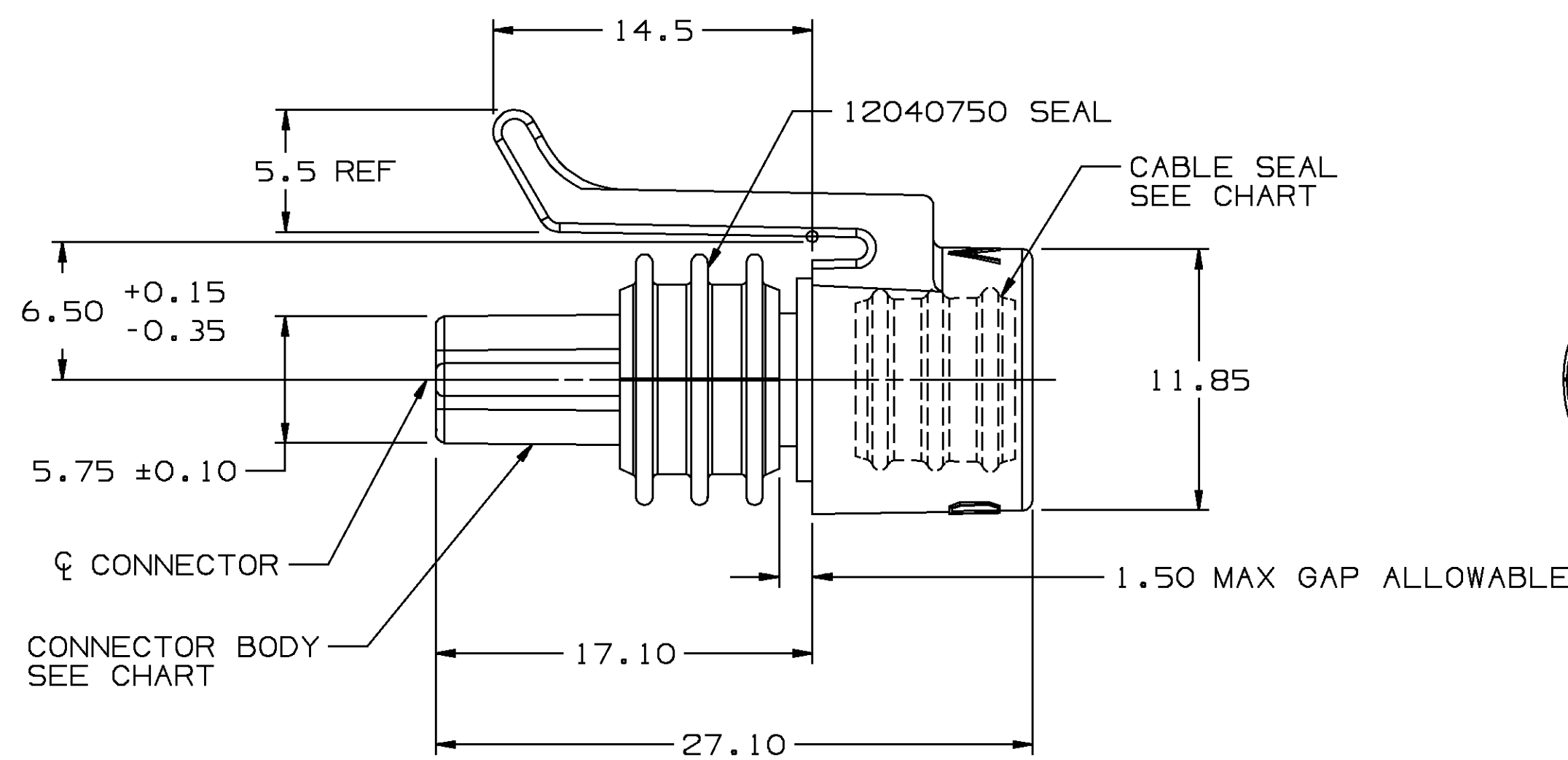
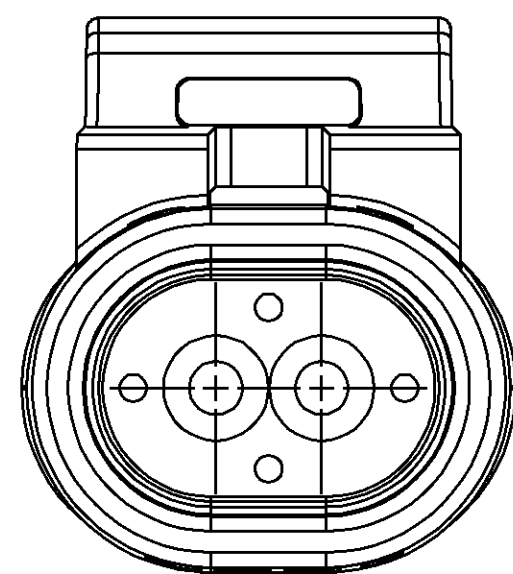
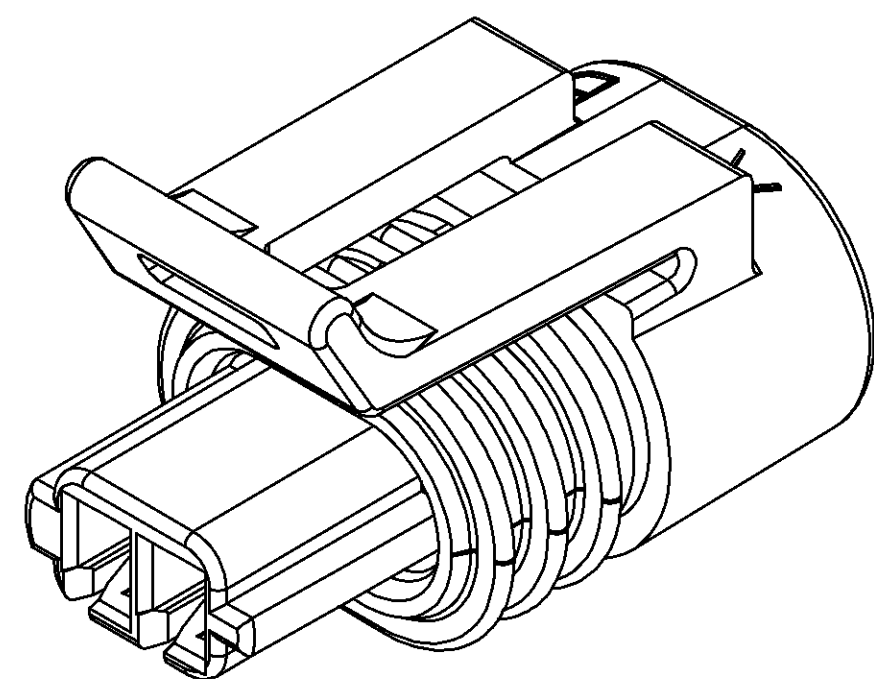
SCALE 8:1



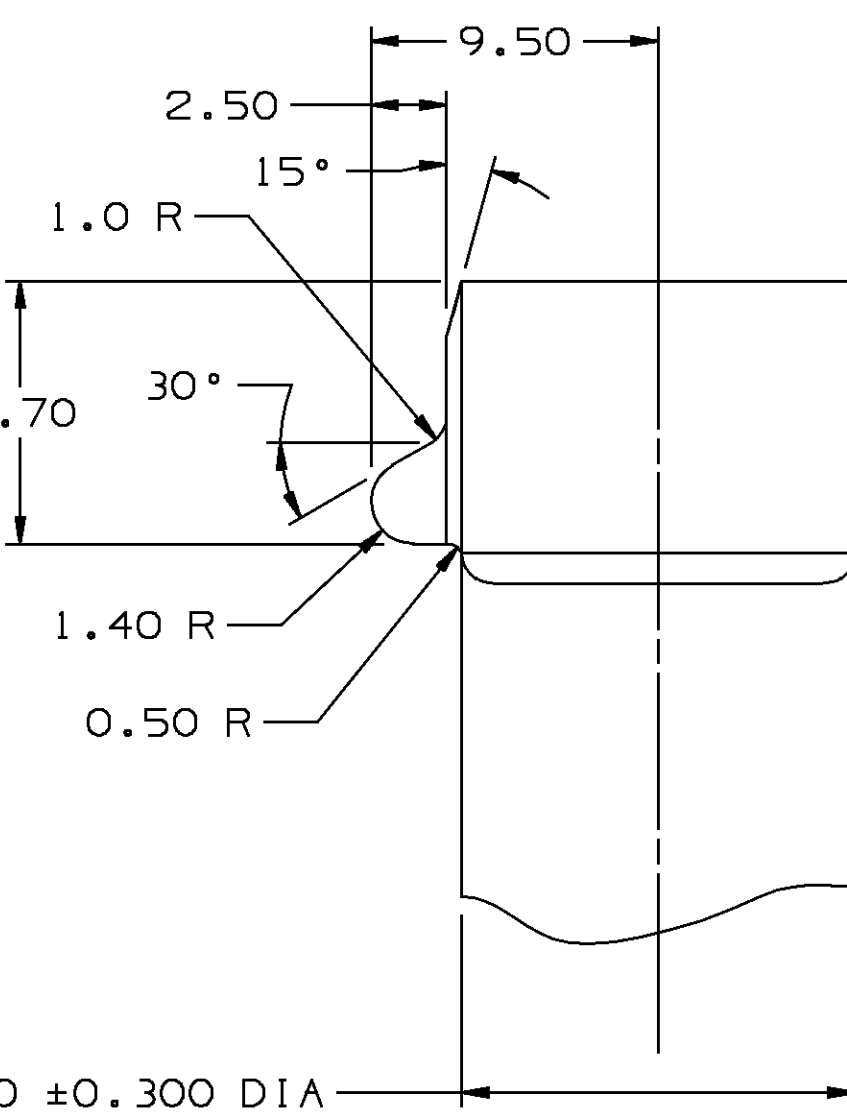
ASTERISK (*) INDICATES
-150.2 TERMINAL CAVITIES



OPTIONAL CONSTRUCTION



15326143	A		15326141	BLACK	12040750	BLUE	12040751	GREEN
12162199	A		12162196	MD GRAY	12040750	BLUE	12110169	LT. ORN
12162198	A		12162196	MD GRAY	12040750	BLUE	12078083	TAN
12162197	A		12162196	MD GRAY	12040750	BLUE	12040751	GREEN
ASM	REV	STATUS	PART NO	COLOR	PART NO	COLOR	PART NO	COLOR
PART NO			CONNECTOR		CONNECTOR SEAL		CABLE SEAL	



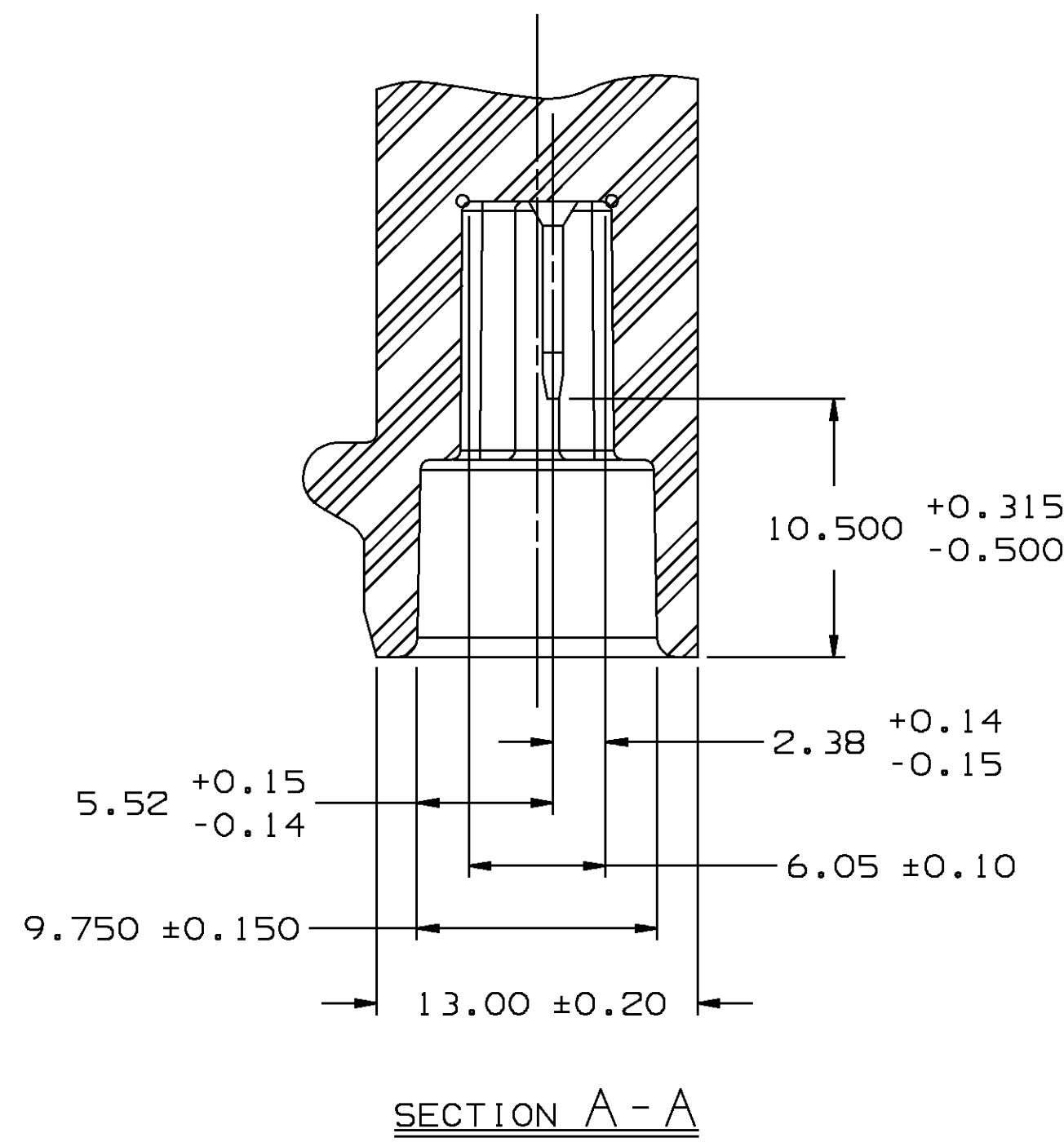
MATING CONNECTOR INFORMATION

NOTES:

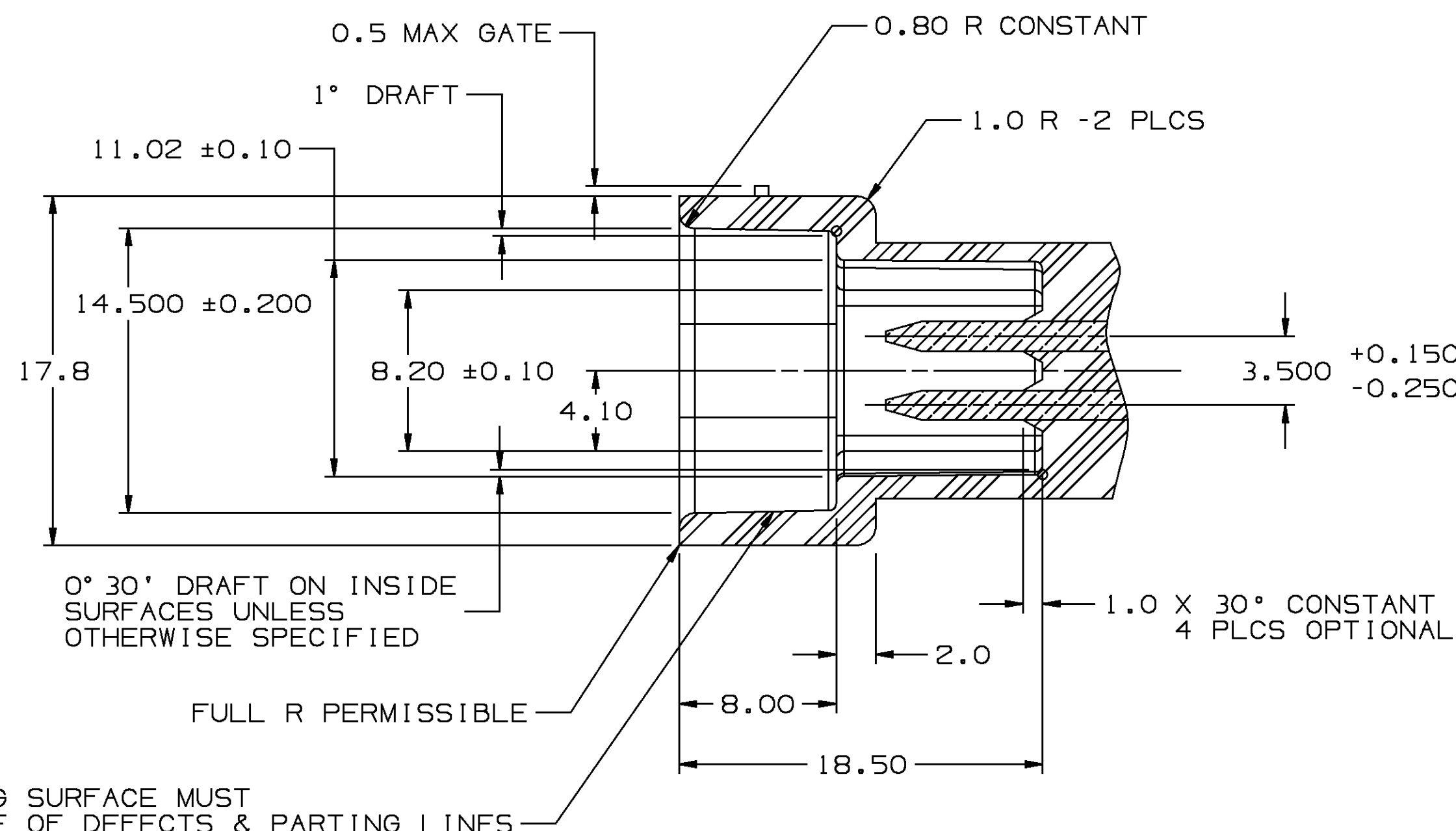
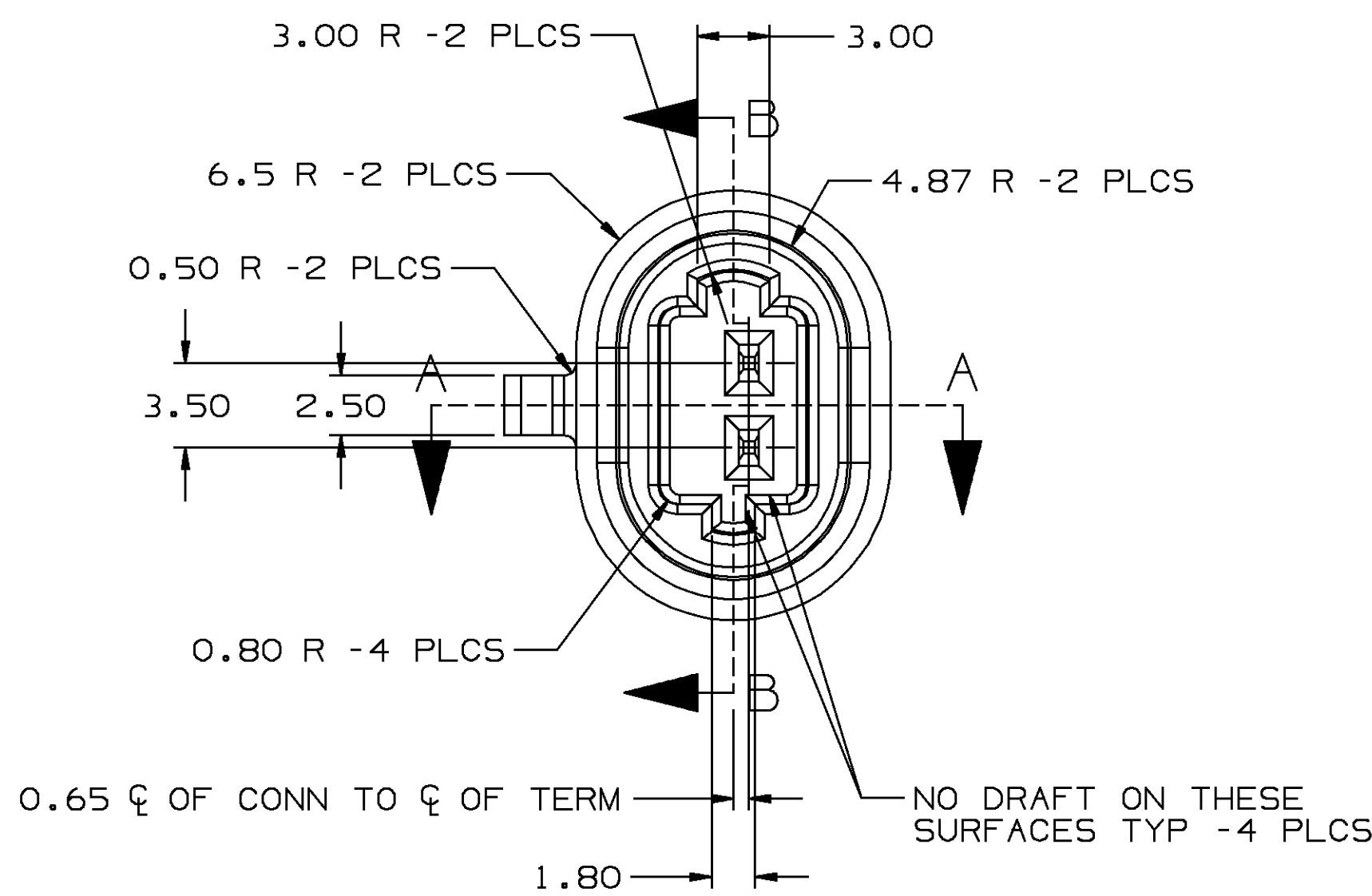
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
DIMENSIONS ARE TO FACE OF VIEW SHOWN AND
AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION.
(SEE MATH MODEL FOR PRECISE DIMENSION)
FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR
TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
CAVITIES ARE IDENTICAL
2. MATING COMPONENTS:
CONNECTOR 12041409 OR EQUIVALENT
TERMINAL 12124075 OR EQUIVALENT
3. 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 ENTRY OF FOREIGN MATTER
4. FOR LEAD LENGTH CALCULATIONS, DISTANCE FROM MATING END
OF CONNECTOR TO FRONT OF CABLE CORE IS 8.60 $\pm$ 1.55
5. 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

6. DIMENSIONS MARKED "REF" ARE FOR REFERENCE ONLY AND NO TOLERANCE LIMITS ARE ESTABLISHED



SECTION A - A



SECTION B-B

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 DIMENSION)
FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR
TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
ALL RADII 0.40
2. NO DRAFT PERMISSIBLE ON PART
UNLESS SPECIFIED.

PART NO.

1216 2265

PART NO	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
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1216 2265

DRAWING TYPE P10		OTHER DRAWINGS AVAILABLE	
			
THIRD ANGLE PROJECTION		DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED	
		DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED	
CODE NO		ONE PLACE ± 0.3	
6900		TWO PLACE ± 0.15	
QC		DES	
-C-510		DR E. BELSTEIN 07FE94	
DRAW DATE		CHK E. BELSTEIN 07FE94	
07FE94		APPR	
SCALE		S.J. VUKMER 15FE94	
REFERENCE NO		VOL CM ²	
MATERIAL SPEC		SEE DRAWING	
NAME		TAXI ASM CONN 2P M/F 150.2 P25	
PART NUMBER			
1216 2265			
		A10	