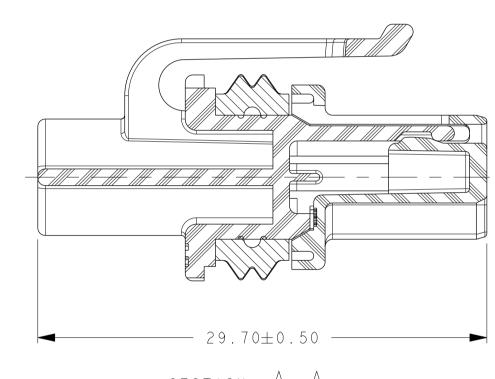
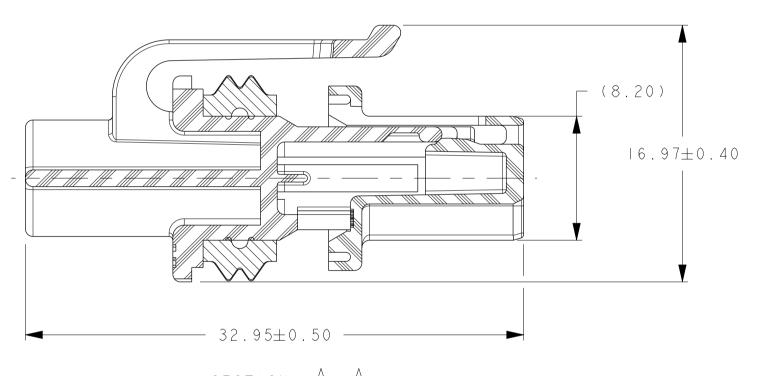
	6	5	4	3	2		0	9	8	1	
		COMPONENTS LIST									
	CONNECTOR PART NUMBER CONF	CONFIGURATION	NHTSA DEFINITION CEI 6006I-I STANDARD		PART NUMBERS						
		CONFIGURATION	(FOR REFERENCE	(FOR REFERENCE ONLY) (FOR REFERENCE ONLY		#I TPA	#I TPA COLOR	#2 HOUSING (BLA	ACK) #3 SEAL	(BLUE)	
_	F4I22I0	9012 / HIR2	NHTSA-1998-3397	-0003 700	4 - 32 - 2	F612210	BROWN	F 5   2 2   0	240M	$\land$ $\land$ $\downarrow$	
	F908310	9005 / HB3	NHTSA-1998-3397	-0012 700	4 - 3   - 2	F257210	BLACK	F J I Z Z I V		240M041	

1	APPLICABLE COMPONENTS								
	ITEM DESCRIPTION	PLATING OR COLOR	FORD COMP PART NUMBER	SUPPLIER	FCI / SUPPLIER PART NUMBER	GRIP CODE	W I R E S I Z E	WIRE INSULATION DIAMETER RANGE	MATERIAL
	APEX 2.8 FEMALE TERMINAL	SILVER	-	FCI	F820310	4	4   AWG   . 50 - 2 . 50mm <sup>2</sup>	2.20mm-3.00mm	COPPER ALLOY
	2.80mm SYSTEM CABLE SEAL ROUND	BLUE	8U5T-I4603-NA	FCI (QSR)	F576000	-	4 AWG  .50-2.0mm <sup>2</sup>	2.20mm-2.80mm	SILICONE
_	2.80mm SYSTEM CABLE SEAL ROUND	YELLOW	BU5T-I0C930-HA	FCI	60994034	_	2.5mm <sup>2</sup>	2.50mm-3.00mm	SILICONE



section A-A TPA SHOWN IN LOCKED POSITION

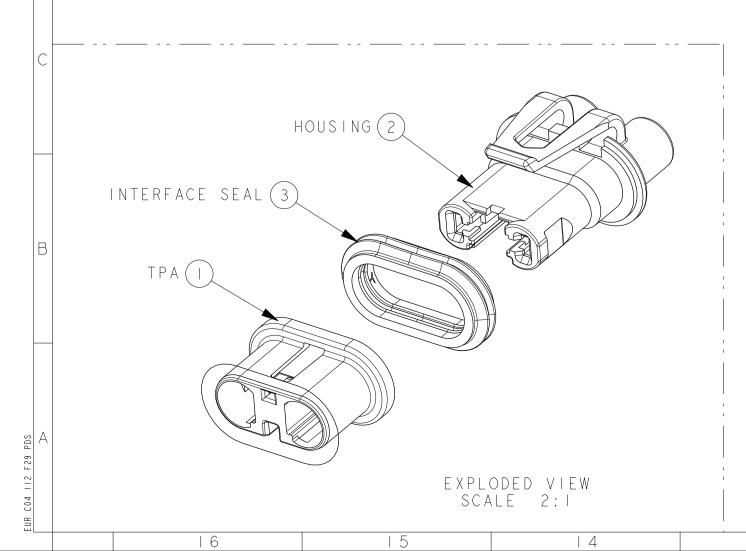


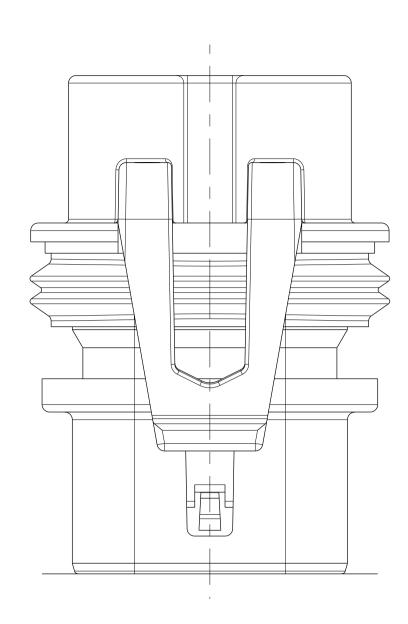
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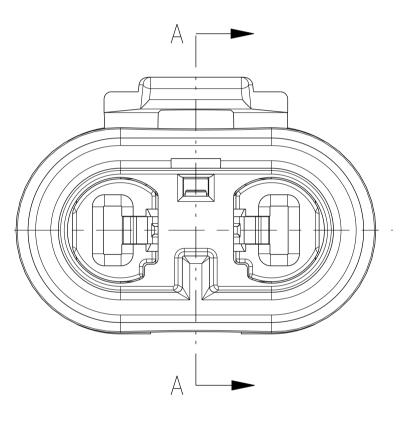
section A-A tpa shown in open position

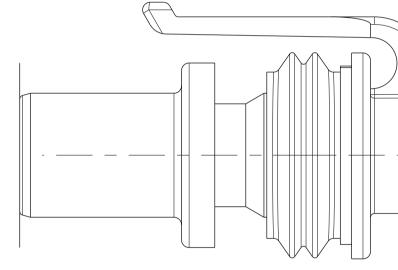
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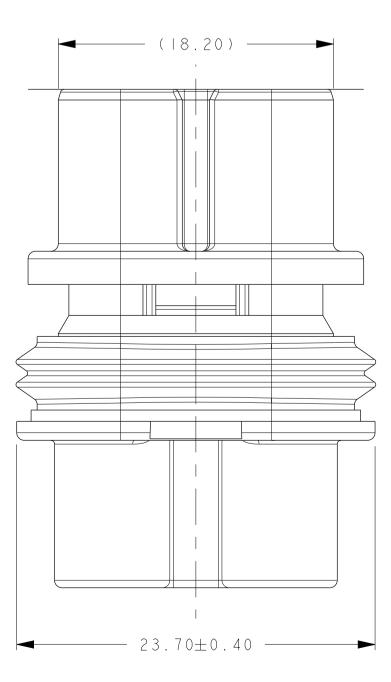








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Ι.	BULB HI BY THE AND TEI TESTING RECOMMI
2.	TEST M UNPOWE EXCEPT - GMW3 - GMW3
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<ul> <li>POLD AND CAVITY 12 <ul> <li>POLD AND CAVITY 12 <ul></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul>								ŀ
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1. BJLB HEATING EFFECT IN LIGHTING APPLICATIONS MUST BE CONSIDERED BY THE SPECIFYING, PARTY AS TO APPROPRIATE WIRE, CABLE SELL, AND TERMINA, SLECTION AND FOR EACH LIGHTING, CABLE SELL, TERMINA, SLECTION AND FOR EACH LIGHTING APPLICATION.         2. TEST METHOD PER, CANAGEST CONDUCTOR WIRE WITH ISO'C RATING IS STRONGLY RECOMMENDED IN ALL BULB OR OTHER SELF-HEATING APPLICATIONS.         2. TEST WETHOD PER, CAWSIBI VI / S3 / T4 (153'C) MATED TO HIR? BJLB, UVROWERED (BULB FEATING EFFECT NOT INCLUDED) WITH THE FOLLOWING EXCEPTIONS: - CFW3181 4.21 THERMAL AGINS: CONNECTOR ØISS'C, BULE ENVELOPE ØIOO*C, 2000 HOURS, 9012/HIR? BULB POWERED ØI3.0VDC         3. CONNECTOR TO BE JSED WITH THE FOLLOWING RANGE OF WIRE SIZES AND THER SIZES: ILSCHM? AND NO.D. TO 3.0CMM MAX O.D. - THE/SIAMJARD: MS 9502, ES-AUSTHAX8-AA CLOSS 4, IS06722 CLOSS D - LEMP RATING: SO'C MINIVUM CONTACT FC: ENO VEETING REGARDING USE OF OTHER WIRE SIZES OR THES. SEE VOTE 41.         4. SIE FCI DRAWING CISCO4-CLST FOR TERMINAL CEIMPING REQUIREMENTS.         5. CONNECTOR S WATE COMPATIBLE WITH BULBS/INTERFACES WHICH CONFORM TO THE STANJARDS SHOWIN IN THE CHART.         6. ANNUAL QUALITY REQUIREMENTS: 11 IS PERM SSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI STELLICIAL ON ADA-001 INSIED OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2.         12. CONTENT       INTER MEDIAN MAGE OF ANNUAL CHINE HERMENT METHOD MEMORY				MANUFACTUREF			ЭDЕ	F
AND THE SPECIFYING PARTY AS TO APPROPIATE WIRE, CABLE SEAL, AND TERMINAL SELECTION AND FOR EACH LIGHTING SYSTEM'S VALIDATION TISTING, USE OF LARGEST CONDUCTOR WIRE WITH 50°C RATING IS STRONGLY RECOMMENDED IN ALL BULS OR OTHER SELF-+EATING APPLICATIONS. 2. TIST METHOD PER: GMW3191 VI / 3 / 74 (150°C) WATED TO HIR2 BULE, UNPOWERED (BULB HEATING EFFECT NOT INCLUDED) WITH THE FOLLOWING EXCEPTIONS: - GMW3191 4. 21 THERMAL AGINS: CONNECTOR @150°C, BULB ENVELOPE @100°C, 2000 HOURS, 9012/H R2 BULE POWERED @13.0°D/C 3. CONNECTOR TO BE USED WITH THE FOLLOWING RANGE OF WIRE SIZES AND TYPES: - WIRE SIZES: I.SOMM2 - 2.SOMM2 AND 14 AWG - OUTSIDE DIAMETER: 2.200M MIN 0.D. TO 3.00MV MAX 0.D. - TYPESITAD SECOND ON THE THE FOLLOWING REAGE OF WIRE SIZES AND TYPES. - WIRE SIZES: I.SOMM2 - 2.SOMM2 AND 14 AWG - OUTSIDE DIAMETER: 2.200M MIN 0.D. TO 3.00MV MAX 0.D. - TYPESITAD SECOND ON THE SIZES OF OTHER WIRE SIZES OR TYPES. SEE VOIE 41. 4. SIE FOL DRAW NG CISOC4-CUST FOR TERMINAL CRIVPING REQUIREMENTS. 5. CONNECTOR IS MATE COMPATIBLE WITH BULBS/INTERFACES WHICH CONFORM TO THE STADARDS SHOWN IN THE CHART. 6. ANNUAL OLALITY REQUIREVENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION AGA-COI INSTAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREVENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2.	NO	TES UNLESS O	THERWISE S	SPECIFIED:				
UNPOWERED (BULB HEATING EFFECT VOT INCLUDED) WITH THE FOLLOWING EXCEPTIONS: - CMW3191 4.29 SUBMERSION: @185°C - CMW3191 4.21 THERMAL AGINS: CONNECTOR @150°C, BULB ENVELOPE @1C0°C, 2000 HOURS, 9012/H R2 BULB POWERED @13.0V0C 3. CONNECTOR TO BE USED WITH THE FOLLOWING RANGE OF WIRE SIZES AND TYPES: - WIRE SIZES: I.50mm <sup>2</sup> - 2.5Cmm <sup>2</sup> AND 14 AWG - OUTSIDE DIAMETER: 2.20MM MIN O.D. TO 3.00MM MAX O.D. - TYPE/STANDARD: MS-9502, ES-AU5T-1A348-AA CLass 4, ISO6722 CLass D - TEMP RATING; ISO'C MINIMUM CONTACT FCI ENGINEERING REGARDING USE OF OTHER WIRE SIZES OR TYPES: SEE NOTE #1. 4. SEE FCI DRAWING CISO04-CUST FOR TERMINAL CRIMPING REQUIREMENTS. 5. CONNECTOR IS MATE COMPATIBLE WITH BULBS/INTERFACES WHICH CONFORM TO THE STANDARDS SHOWN IN THE CHART. 6. ANNUAL QUALITY REQUIREMENTS: 1T IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION AGA-GOI INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF OS-9000 SECTION 2 AND SAE/USCAR-2.	Ι.	BY THE SPEC AND TERMINA TESTING. US	IFYING PAR L SELECTIC E OF LARGE	RTY AS TO APP On and for ea Ist conductor	ROPIATE WIRE, CH LIGHTING SY WIRE WITH 150	CABLE SEAL, (STEM´S VALIDATI )°C RATING IS ST	ON	
TYPES: - WIRE SIZES: I.50mm <sup>2</sup> - 2.50mm <sup>2</sup> AND 14 AWG - WIRE SIZES: I.50mm <sup>2</sup> - 2.20MM MIN O.D. TO 3.00MM MAX O.D. - TYPE/SIANDARD: MS-9502, ES-AUST-IA348-AA Class 4, ISO6722 Class D - TEMP RATING: ISO'C MINIMUM CONTACT FCI ENGINEERING REGARDING USE OF OTHER WIRE SIZES OR TYPES. SEE NOTE #1. 4. SEE FCI DRAWING CI5004-CUST FOR TERMINAL CRIMPING REQUIREMENTS. 5. CONNECTOR IS MATE COMPATIBLE WITH BULBS/INTERFACES WHICH CONFORM TO THE STANDARDS SHOWN IN THE CHART. 6. ANNUAL QUALITY REQUIREMENTS: IT S PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION AQA-001 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2. 12-00611 - INITIAL RELEASE TO THE STANDARDS OF QS-9000 SECTION 2 AND SAE/USCAR-2. 12-00611 - INITIAL RELEASE TO THE STANDARD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2. 12-00611 - INITIAL RELEASE TO THE STANDARD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2. 12-00611 - INITIAL RELEASE TO THE STANDARD OF ANNUAL SAE/USCAR-2. 12-00611 - INITIAL RELEASE TO THE STANDARD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2. 12-00611 - INITIAL RELEASE TO THE STANDARD OF ANNUAL SAE/USCAR-2. 12-00611 - INITIAL RELEASE TO THE STANDARD OF ANNUAL SAE/USCAR-2. 12-00783031 AND AND ANNUAL RELEASE TO THE STANDARD OF ANNUAL SAE AND AND ANNUAL THE SECTION ONTAINED THERE THIS PROPRIETATY AND THE STANDARD OF ANNUAL SAE AND AND ANNUAL THE SECTION ONTAINED THERE THE SECTION OF ANNUAL SAE AND AND ANNUAL THE SECTION OF ANNUAL SAE AND AND ANNUAL THE SECTION ONTAINED THERE THE SECTION OF ANNUAL SAE AND AND ANNUAL THE SECTION ONTAINED THERE THE SECTION OF ANNUAL SAE AND AND ANNUAL THE SECTION ONTAINED THERE THE SECTION OF ANNUAL SAE AND AND AND ANNUAL SAE AND AND ANNUAL SAE AND AND A	2.	UNPOWERED EXCEPTIONS: - GMW3I9I 4	(BULB HEAT .29 SUBME .21 THERM	ING EFFECT N RSION: @185° Al AGING: CO	OT INCLUDED) C NNECTOR @150°C	WITH THE FOLLOW	/INĠ	, [
CONTACT FCI ENGINEERING REGARDING USE OF OTHER WIRE SIZES OR TYPES. SEE NOTE #1. 4. SEE FCI DRAWING CI5004-CUST FOR TERMINAL CRIMPING REGUIREMENTS. 5. CONNECTOR IS MATE COMPATIBLE WITH BULBS/INTERFACES WHICH CONFORM TO THE STANDARDS SHOWN IN THE CHART. 6. ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION AQA-OOI INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2.	3.	TYPES: - WIRE SIZE: - OUTSIDE D - TYPE/STAN	S: I.50mm <sup>2</sup> IAMETER: 2 DARD: MS-	2 - 2.50mm <sup>2</sup> A 2.20MM MIN O. 9502, ES-AU5	ND 14 AWG D. TO 3.00MM M	1AX O.D.		
6. ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION AQA-OOI INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2.		TYPES. SEE SEE FCI DRAM CONNECTOR IS	NOTE #I. WING CI50C S MATE COM	94-CUST FOR T 1PATIBLE WITH	ERMINAL CRIMPI BULBS/INTERFA	NG REQUIREMENTS		C
ECN-NO.       ZONE       CHANGE DESCRIPTION         PRODUCT SPEC.       PACKAGING SPEC.       APPLICATION SPEC.       THIS DRAWING AND ALL OTHER INFORMATION CONTAINED THEREIN IS PROPRIETARY AND THE PROPERTY OF FCI. This drawing may not be copied, reproduced or disclosed to any third party without the expressed written permission of FCI.FCI April©1999         TOLERANCES       MATERIAL : SEE TABLE       SURFACE FINISH         COUNTERPART Mr.       COLOUR : SEE TABLE       -         DO NOT MEASURE DRAWING       TOOL NO.       ECO Loc. Code       AN         MODIFIED       DATE       NAME       TITLE       DIMENSION IN MULLIMETERS       DIMENSION IN	6.	ANNUAL QUAL IT IS PERMIS SPECIFICATIO	ITY REQUIR SSIBLE TO ON AQA-001	REMENTS: PERFORM CONT INSTEAD OF	INUOUS CONFORM ANNUAL LAYOUT	AND ANNUAL PV		
TOLERANCES       MATERIAL:       SEE TABLE       SURFACE FINISH       SEE TABLE       -       <		P	ECN-NO. ZONE		THIS DRAWING AND ALL OTHE AND THE PROPERTY OF FCI. disclosed to any third pa	ER INFORMATION CONTAINED THEF This drawina may not be copie	d. reproduced	or
BY       2012/04/25       Frank HOLUB       ZW Female Connector       PCC0783031       A		D		COLOUR : SEE TOOL NO.	TABLE - - - - - - - ECO Loc. Code AN	DRAWING NUMBER	3RD ANGLE Pro DIMENSION IN MILLIMETERS	o/eng. wgsize Al
	5	ת ה ר	BY         2012/04/25         FI           MOD IF IED         BY         2012/06/08         FI           BY         2012/06/08         R         A           VPPROVED         BY         2012/06/08         Jeff           ILLE         NAME         PCC078	Bank HOLUB         PROJECT           MARSWAMY         HIR2/HBS           CAMPBELL         ESR NO.           303         DOCUMENT UNDER PDS CON	BULB CONNECTOR	STATE SERIAL RELEA	ASED REV.	 of 

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