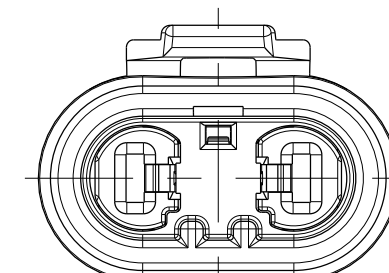
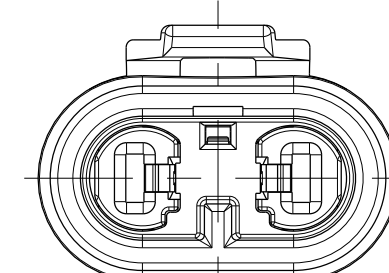
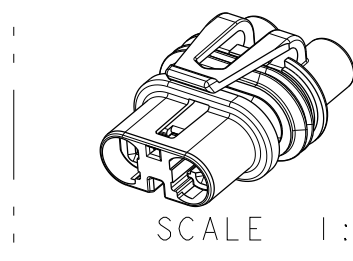


COMPONENTS LIST							
CONNECTOR PART NUMBER	CONF I G U R A T I O N	N H T S A D E F I N I T I O N (F O R R E F E R E N C E O N L Y)	C E I 6 0 0 6 1 - 1 S T A N D A R D (F O R R E F E R E N C E O N L Y)	P A R T N U M B E R S			
				# 1 T P A	# 1 T P A C O L O R	# 2 H O U S I N G (B L A C K)	# 3 S E A L (B L U E)
F 4 1 2 2 1 0	HB2 (9 0 1 2)	NHTSA-1998-3397-0003	7004-32-2	F 6 1 2 2 1 0	D A R K G R A Y	F 5 1 2 2 1 0	2 4 0 M 0 4 1
	HB4 (9 0 0 6)	NHTSA-1998-3397-0013					
	HB4A (9 0 0 6 X S)	NHTSA-1998-3397-0001					
F 9 0 8 3 1 0	HB3 (9 0 0 5)	NHTSA-1998-3397-0012	7004-31-2	F 2 5 7 2 1 0	L T G R A Y		
	HB3A (9 0 0 5 X S)	NHTSA-1998-3397-0001					
	HB1R (9 0 1 1)	NHTSA-1998-3397-0002					
	H12 (9 0 0 5 S)	---					
	H10 (9 1 4 5)	---					

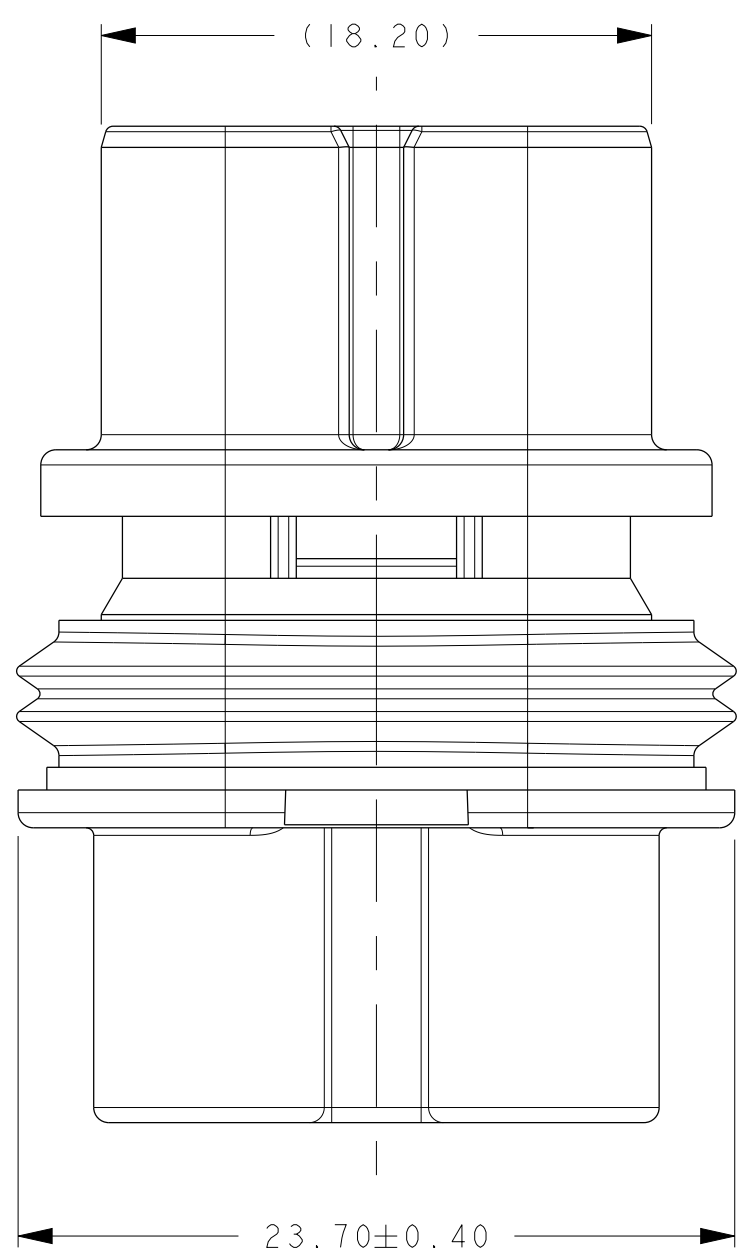
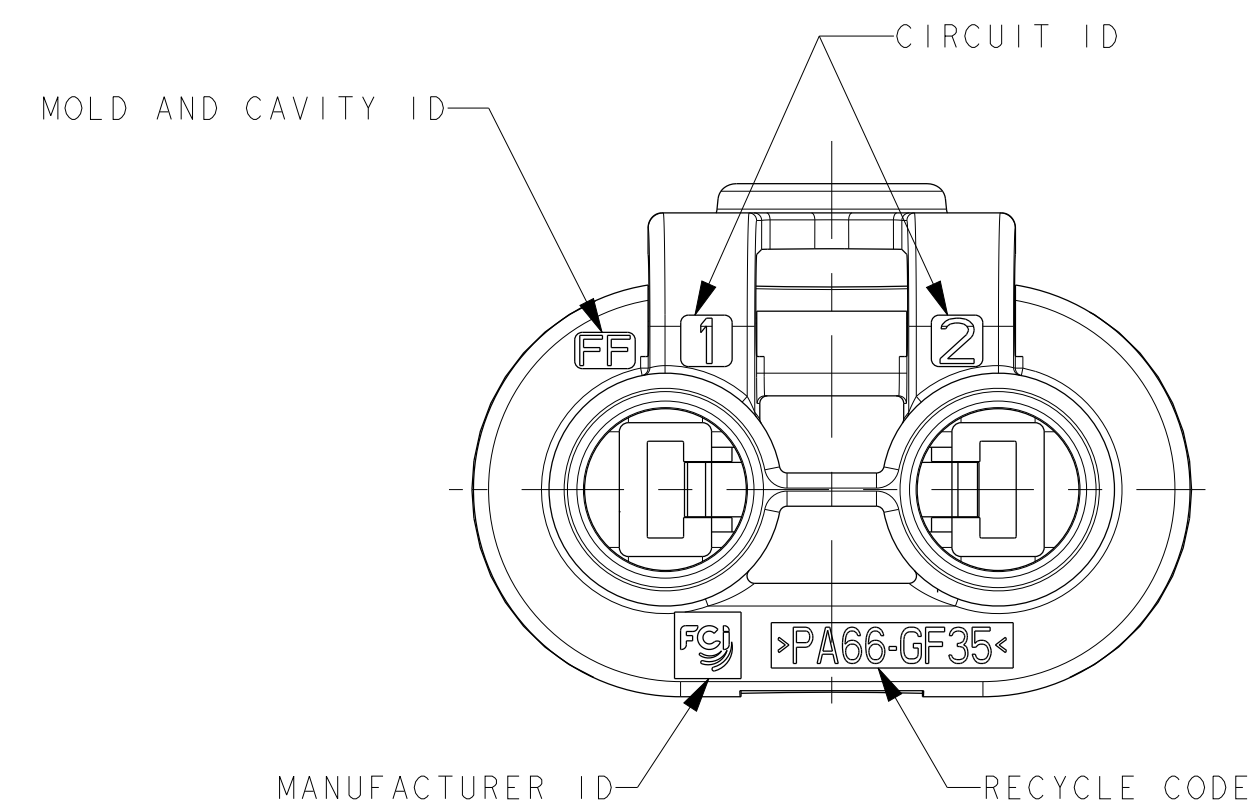
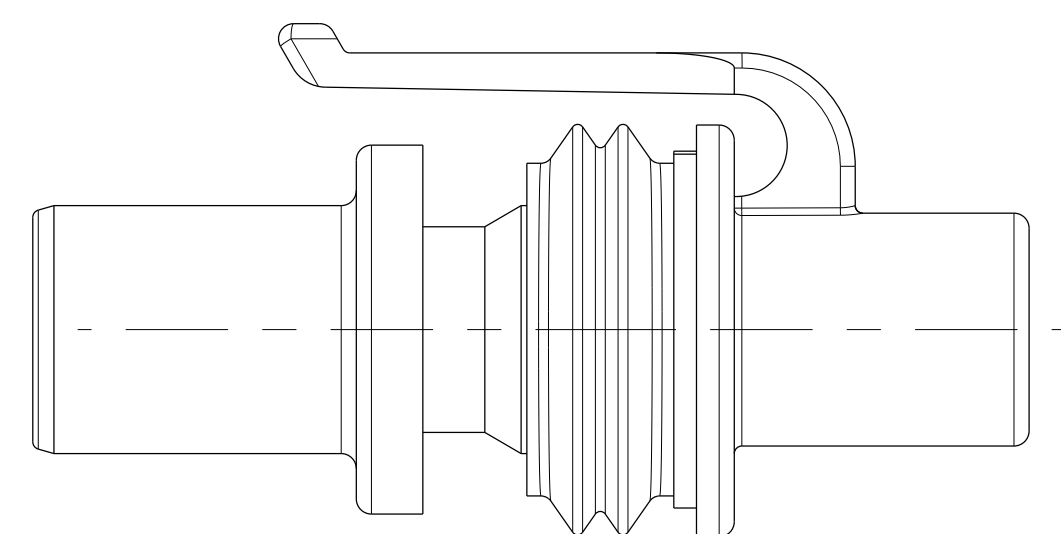
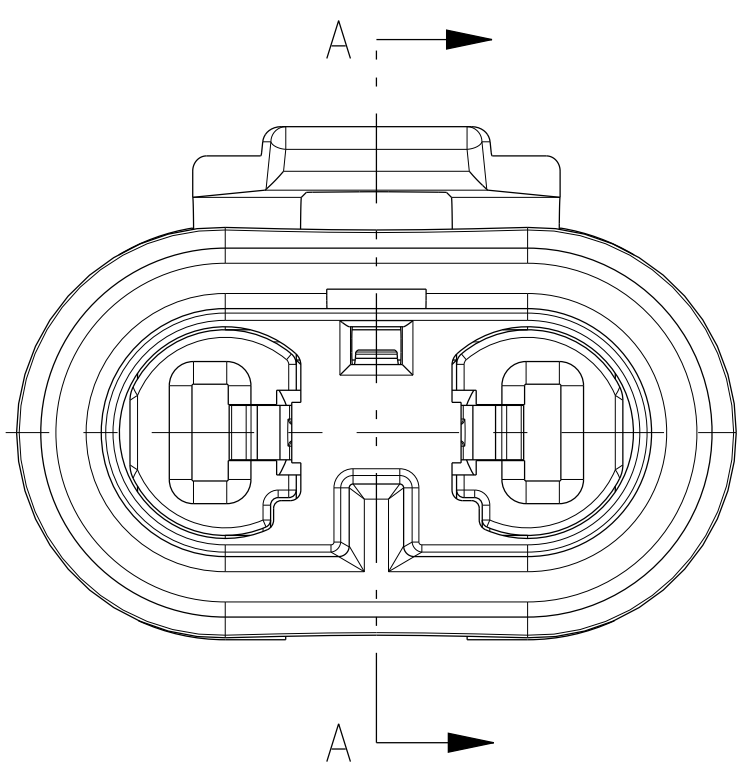
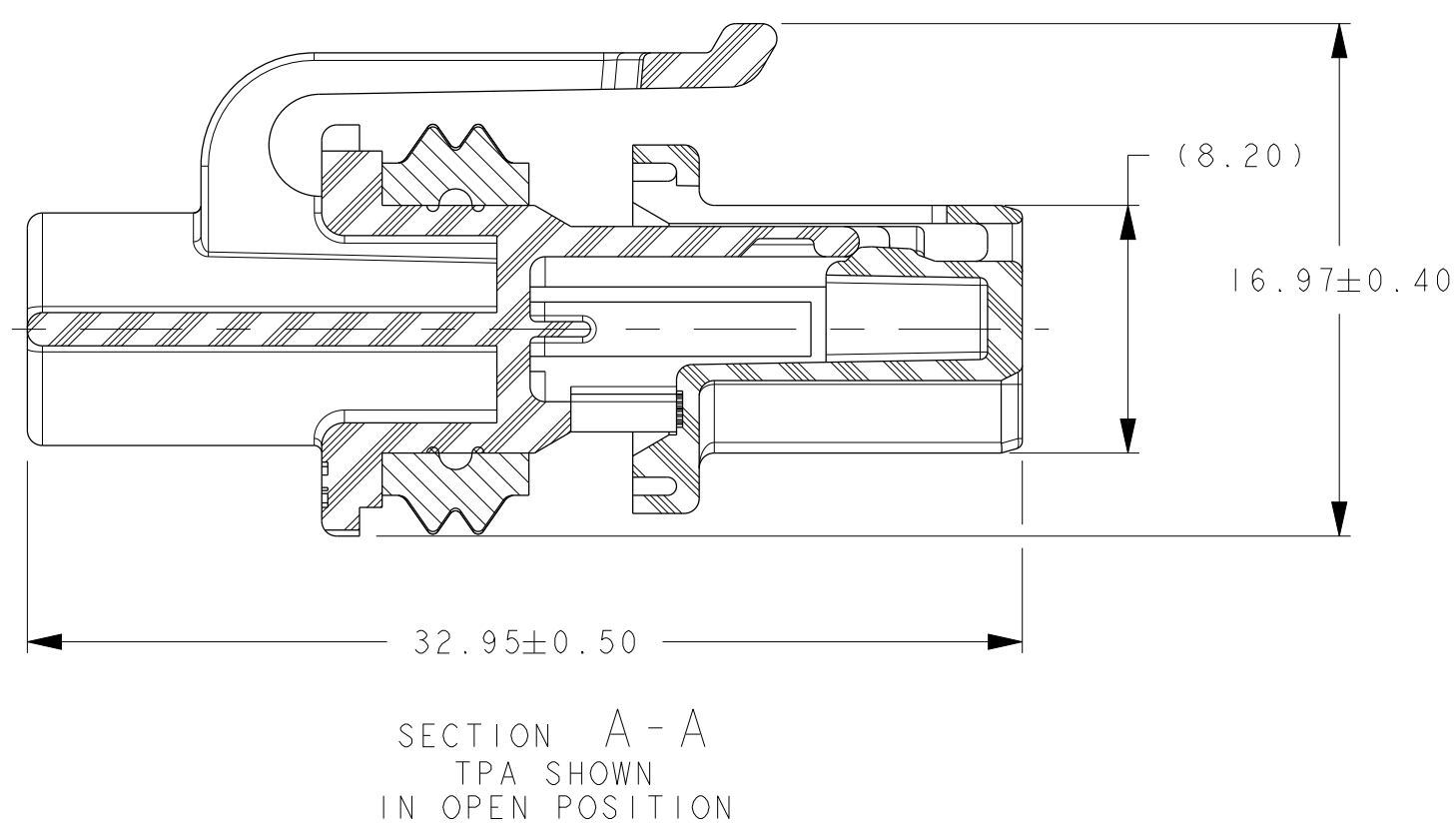
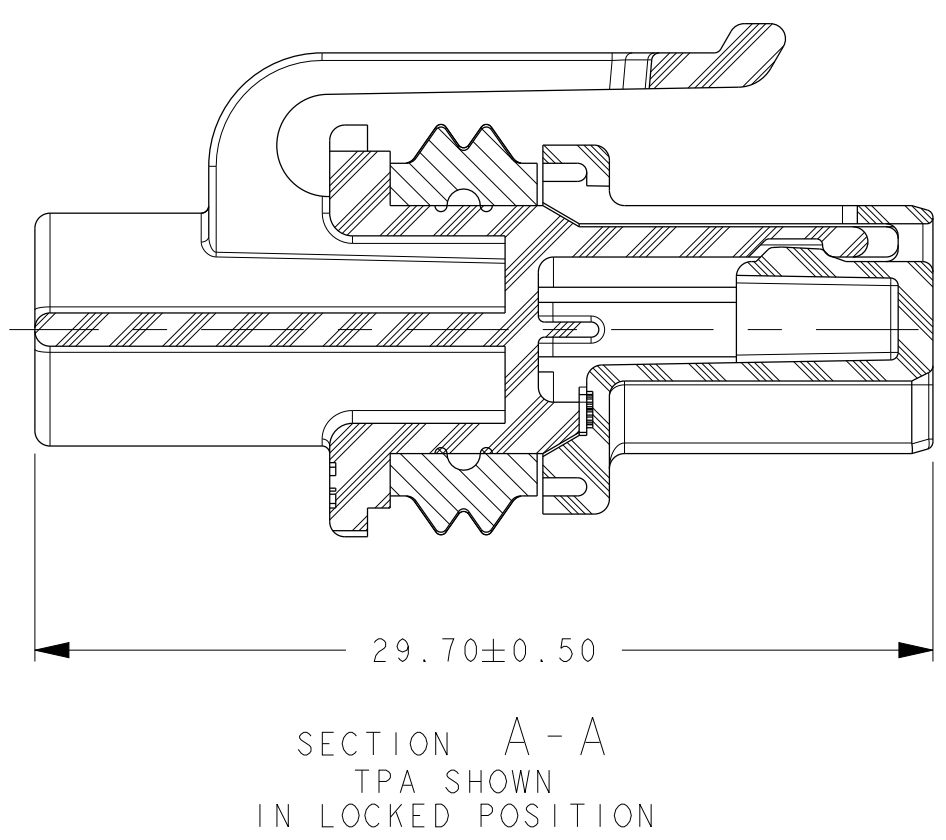
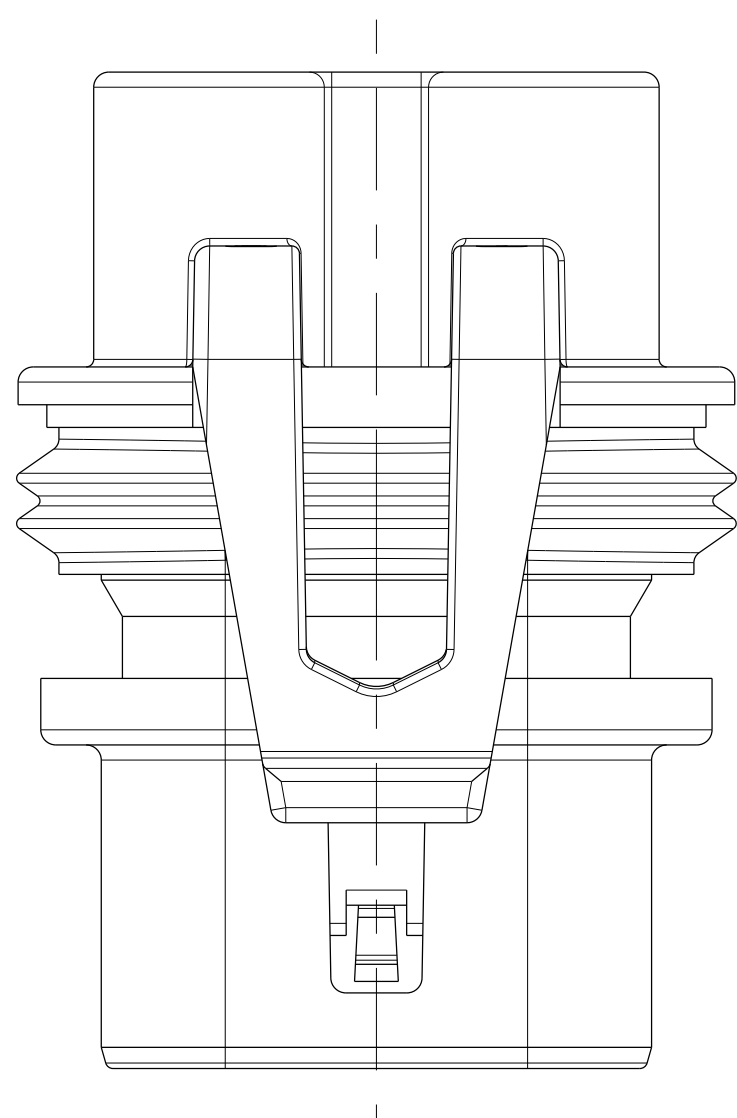
APPLICABLE COMPONENTS								
ITEM DESCRIPTION	PLATING OR COLOR	FORD COMP PART NUMBER	SUPPLIER	FCI / SUPPLIER PART NUMBER	GRIP CODE	WIRE SIZE	WIRE INSULATION DIAMETER RANGE	MATERIAL
APEX 2.8 FEMALE TERMINAL	SILVER	-	FCI	F820310	14	14 AWG 1.50 - 2.50mm ²	2.20mm - 3.00mm	COPPER ALLOY
2.80mm SYSTEM CABLE SEAL	BLUE	8U5T-14603-NA	FCI (QSR)	F576000	-	14 AWG 1.50 - 2.0mm ²	2.20mm - 2.80mm	SILICONE
2.80mm SYSTEM CABLE SEAL ROUND	YELLOW	BUST-10C930-NA	FCI	60994034	-	2.5mm ²	2.70mm - 3.00mm	SILICONE



CONFIGURATION F412210 (HIR2)
SCALE 2:1

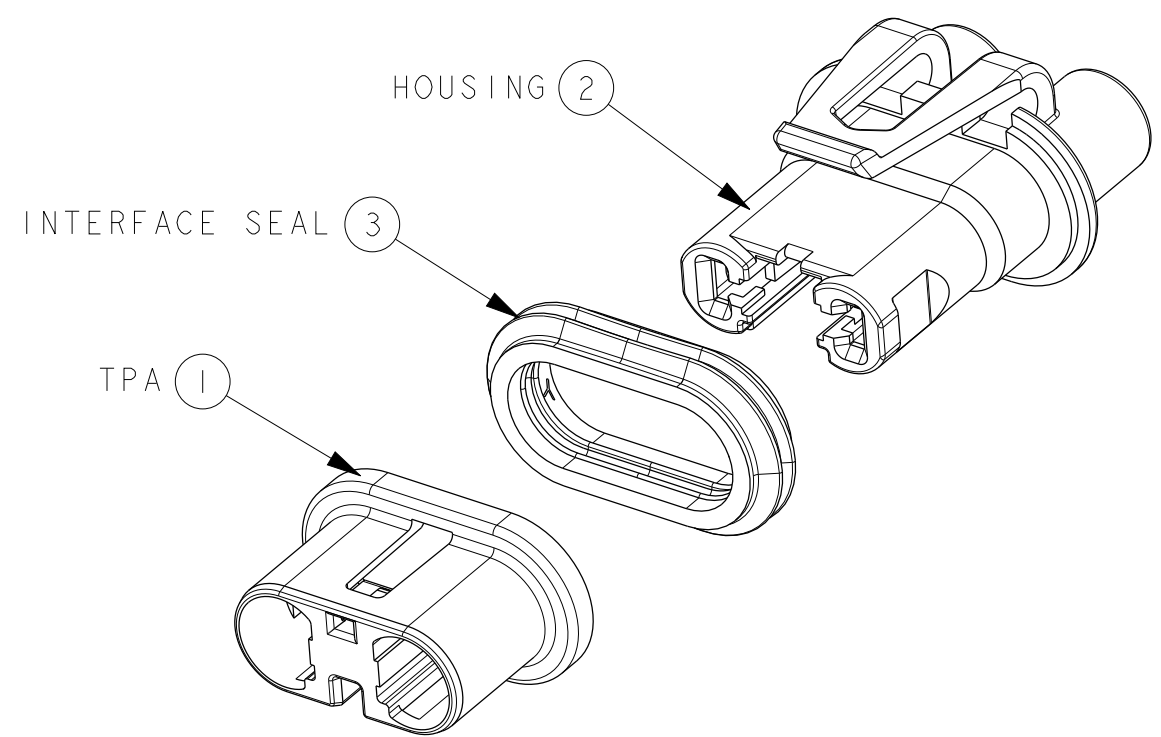
CONFIGURATION F908310 (HB3)
SCALE 2:1

POLARIZATION OPTIONS



NOTES UNLESS OTHERWISE SPECIFIED:

3. BULB HEATING EFFECT IN LIGHTING APPLICATIONS MUST BE CONSIDERED BY THE SPECIFYING PARTY AS TO APPROPRIATE WIRE, CABLE SEAL, AND TERMINAL CONNECTIONS FOR THE LIGHTING SYSTEM'S VALIDATION TESTING. USE OF LARGEST CONDUCTOR WIRE WITH 150°C RATING IS STRONGLY RECOMMENDED IN ALL BULB OR OTHER SELF-HEATING APPLICATIONS.
2. TEST METHOD PER: GWM3191 V1 / S3 / T4 (150°C) MATED WITH SILVER PLATED TERMINAL PHILIPS HIR2 BULB P/N# 928207141792 (GM P/N# 13587719) UNPOWERED (BULB HEATING EFFECT NOT INCLUDED) WITH THE FOLLOWING EXCEPTIONS:
 - GWM3191 4.29 SUBMERGION: @185°C
 - GWM3191 4.21 THERMAL AGING: CONNECTOR @150°C, BULB ENVELOPE @100°C.2000 HOURS. 801Z7 HIR2 BULB FORCE @13.0VDC
3. SALT TESTING TO: USCAR-2 REV 5 SEO W 125°C (PRESSURE/VACUUM STAND ALONE)
3. CONNECTOR TO BE USED WITH THE FOLLOWING RANGE OF WIRE SIZES AND TYPES:
 - WIRE SIZES: 1.50mm² - 2.50mm² AND 14 AWG
 - OUTSIDE DIAMETER: 2.20MM MIN O.D. TO 3.00MM MAX O.D.
 - TYPE/STANDARD: MS-9502, ES-AUST-1A348-AA Class 4, ISO6722 Class D
 - TEMP RATING: 150°C MINIMUMCONTACT FCI ENGINEERING REGARDING USE OF OTHER WIRE SIZES OR TYPES. SEE NOTE #1.
4. SEE FCI DRAWING C15004-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 IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION 04-01 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2.



EXPLODED VIEW
SCALE 2:1

[illegible]

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Aptiv:](#)

[F412210](#)