



SEAL RETAINER SEE - CHART

MAT SEAL - SEE CHART

SLIDING SHROUD - SEE CHART

CPA - SEE CHART

HOUSING FEMALE - SEE CHART

INTERFACE SEAL - SEE CHART

TPA FEMALE SHORTING BAR OPTION SHOWN - SEE CHART

GEAR CAN - SEE CHART

EXPLODED VIEW

1. MAXIMUM TEMPERATURE CLASS: CLASS 1 (125°C).

2. CONFORMS TO TEST METHOD AS SHOWN IN CHART WITH THE FOLLOWING EXCEPTION(S):

3. CONNECTOR MAY BE USED WITH THE FOLLOWING RANGE OF WIRE SIZES AND TYPES:

- APEX 150 TERMINALS:
- SIZE: 22 GAGE - 16 GAGE - 1.50mm MIN O.D. TO 2.41mm MAX O.D.
- TYPE: TXL (MIL123-A / MS-808B)

ALTERNATIVELY:

- SIZE: 0.5mm² TO 1.5mm² / 1.40mm MIN O.D. TO 2.4mm MAX O.D.
- TYPE: FLR2X (125°C PE-X) OR FLRYW (125°C PVC)
- (STRUCTURE & PROPERTIES ACC. 1506722)
- APEX 2.8 TERMINALS:
- SIZE: 18 GAGE - 12 GAGE - 1.90mm MIN O.D. TO 3.35mm MAX O.D.
- TYPE: TXL (MIL123-A / MS-808B)

ALTERNATIVELY:

- SIZE: 0.75mm² TO 3.0mm² / 1.70mm MIN O.D. TO 3.4mm MAX O.D.
- TYPE: FLR2X (125°C PE-X) OR FLRYW (125°C PVC)
- (STRUCTURE & PROPERTIES ACC. 1506722)
- CONTACT MVL ENGINEERING REGARDING USE OF OTHER WIRE SIZES AND/OR TYPES

4. CONNECTOR MAY BE USED WITH THE FOLLOWING TERMINALS:

- MVL APEX150 AND APEX18 WITH WIRE SIZES DEFINED IN NOTE 5, SEE MVL DRAWINGS J540D9 AND C15004 FOR SPECIFIC PART NUMBERS AND CRIMPING REQUIREMENTS.
- CONTACT MVL ENGINEERING REGARDING USE OF COMPATIBLE NON MVL TERMINALS

5. ANNUAL QUALITY REQUIREMENTS:

- IT IS PERFORMED TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #QA-001 INSTEAD OF ANNUAL LAYOUT AND ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 AND SAE/USCAR-2 REV 4.
- FOR TERMINAL TO CONNECTOR AND TPA TO CONNECTOR ONLY.

6. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

7. FEMALE CONNECTORS EQUIPPED WITH OPTIONAL CLIPSLOT CAN ONLY BE MATED TO MALE CONNECTORS WITHOUT CLIPSLOT FEATURE. KEY OPTION D IS TO BE USED FOR FEMALE CONNECTORS WITH CLIPSLOT FEATURES AND THEIR MALE COUNTERPARTS.

- CONTACT MVL ENGINEERING FOR SPECIFIC PACKAGING REQUIREMENTS WHEN USING CLIPSLOT CONFIGURATIONS

8. QUALITY ASSURANCE REQUIREMENTS SPC DATA REQUIRED

9. 11X10.31 MINIMUM APTIV CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION FOR EXISTING TOOLING MAY BE "PED", "TET" OR NO LOGO.

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