NOTES:

1. **IN MM**
   - **ALUMINIUM CRYSTAL HOUSING**
     - Ø0.20 [0.508] THK.
     - (CLEAR ALODINE FINISH)
   - **B380 CRYSTAL**
     - Ø1.500 [38.1] X 1.500 [38.1]
   - **K+ GLASS OPTICAL WINDOW**
     - Ø0.250 [6.35] THK.
     - (CLEAR ALODINE FINISH)
   - **ALUMINIUM TOP CAP**
     - (CLEAR ALODINE FINISH)
   - **SEE MAN-690-001 FOR PIN-OUTS & SPECIFICATIONS**

2. **PERFORMANCE SPECIFICATION**:
   - **PHR**: 4% OR BETTER FOR CS-137 END-ON

3. **NOTES**:
   - 1. IN [MM]
   - 2. **ALUMINIUM CRYSTAL HOUSING**
     - Ø0.20 [0.508] THK.
     - (CLEAR ALODINE FINISH)
   - 3. **B380 CRYSTAL**
     - Ø1.500 [38.1] X 1.500 [38.1]
   - 4. **K+ GLASS OPTICAL WINDOW**
     - Ø0.250 [6.35] THK.
     - (CLEAR ALODINE FINISH)
   - 5. **ALUMINIUM TOP CAP**
     - (CLEAR ALODINE FINISH)
   - 6. **SEE MAN-690-001 FOR PIN-OUTS & SPECIFICATIONS**

4. **PERFORMANCE SPECIFICATION**:
   - **PHR**: 4% OR BETTER FOR CS-137 END-ON

5. **METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED**
   - **US STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED**
   - **ANGLES**
     - ±0.5°
   - **MICRO FINISH**
     - 3.18 μm

6. **ENGINEERING SALES DRAWING**
   - **TITLE**
     - MODEL: S138.1BL38.1D40
   - **DATE**
     - May-23-19
   - **MARKS**
     - 1S690-1118

7. **CUSTOMER APPROVAL**
   - **REVISIONS**
     - ZONE REV.
     - DESCRIPTION
     - DATE
     - APPROVED

8. **THIS PRINT IS THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF SAINT-GOBAIN CRYSTALS, A SUBSIDIARY OF SAINT-GOBAIN CERAMICS & PLASTICS, INC. AND IS NOT TO BE FURTHER REPRODUCED OR DISCLOSED TO ANOTHER PARTY WITHOUT PRIOR WRITTEN PERMISSION FROM SAINT-GOBAIN CRYSTALS. COPYRIGHT RESERVED, SAINT-GOBAIN CERAMICS & PLASTICS, INC. 2019

9. **THIS DOCUMENT IS APPROVED AND MAINTAINED UNDER ELECTRONIC CONFIGURATION CONTROL**

10. **DO NOT SCALE THIS DRAWING**
    - **SCALE**
      - TO 1:1

11. **ENGINEERING SALES DRAWING**
    - **TITLE**
      - MODEL: S138.1BL38.1D40
    - **DATE**
      - May-23-19
    - **MARKS**
      - 1S690-1118

12. **CUSTOMER APPROVAL**
    - **REVISIONS**
      - ZONE REV.
      - DESCRIPTION
      - DATE
      - APPROVED

13. **THIS PRINT IS THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF SAINT-GOBAIN CRYSTALS, A SUBSIDIARY OF SAINT-GOBAIN CERAMICS & PLASTICS, INC. AND IS NOT TO BE FURTHER REPRODUCED OR DISCLOSED TO ANOTHER PARTY WITHOUT PRIOR WRITTEN PERMISSION FROM SAINT-GOBAIN CRYSTALS. COPYRIGHT RESERVED, SAINT-GOBAIN CERAMICS & PLASTICS, INC. 2019

14. **ENGINEERING SALES DRAWING**
    - **TITLE**
      - MODEL: S138.1BL38.1D40
    - **DATE**
      - May-23-19
    - **MARKS**
      - 1S690-1118

15. **CUSTOMER APPROVAL**
    - **REVISIONS**
      - ZONE REV.
      - DESCRIPTION
      - DATE
      - APPROVED

16. **THIS PRINT IS THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF SAINT-GOBAIN CRYSTALS, A SUBSIDIARY OF SAINT-GOBAIN CERAMICS & PLASTICS, INC. AND IS NOT TO BE FURTHER REPRODUCED OR DISCLOSED TO ANOTHER PARTY WITHOUT PRIOR WRITTEN PERMISSION FROM SAINT-GOBAIN CRYSTALS. COPYRIGHT RESERVED, SAINT-GOBAIN CERAMICS & PLASTICS, INC. 2019

17. **ENGINEERING SALES DRAWING**
    - **TITLE**
      - MODEL: S138.1BL38.1D40
    - **DATE**
      - May-23-19
    - **MARKS**
      - 1S690-1118

18. **CUSTOMER APPROVAL**
    - **REVISIONS**
      - ZONE REV.
      - DESCRIPTION
      - DATE
      - APPROVED

19. **THIS PRINT IS THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF SAINT-GOBAIN CRYSTALS, A SUBSIDIARY OF SAINT-GOBAIN CERAMICS & PLASTICS, INC. AND IS NOT TO BE FURTHER REPRODUCED OR DISCLOSED TO ANOTHER PARTY WITHOUT PRIOR WRITTEN PERMISSION FROM SAINT-GOBAIN CRYSTALS. COPYRIGHT RESERVED, SAINT-GOBAIN CERAMICS & PLASTICS, INC. 2019

20. **ENGINEERING SALES DRAWING**
    - **TITLE**
      - MODEL: S138.1BL38.1D40
    - **DATE**
      - May-23-19
    - **MARKS**
      - 1S690-1118

21. **CUSTOMER APPROVAL**
    - **REVISIONS**
      - ZONE REV.
      - DESCRIPTION
      - DATE
      - APPROVED

22. **THIS PRINT IS THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF SAINT-GOBAIN CRYSTALS, A SUBSIDIARY OF SAINT-GOBAIN CERAMICS & PLASTICS, INC. AND IS NOT TO BE FURTHER REPRODUCED OR DISCLOSED TO ANOTHER PARTY WITHOUT PRIOR WRITTEN PERMISSION FROM SAINT-GOBAIN CRYSTALS. COPYRIGHT RESERVED, SAINT-GOBAIN CERAMICS & PLASTICS, INC. 2019