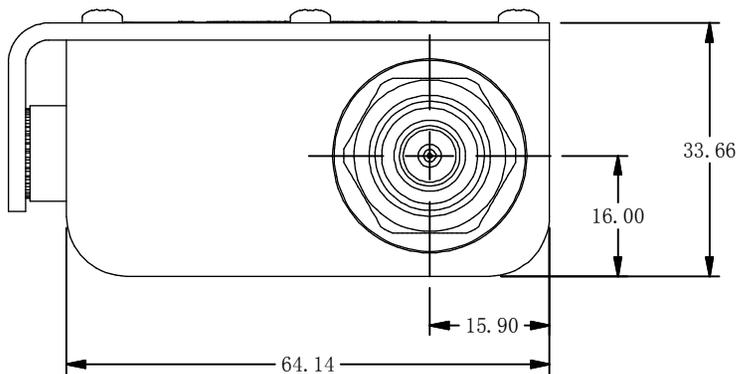
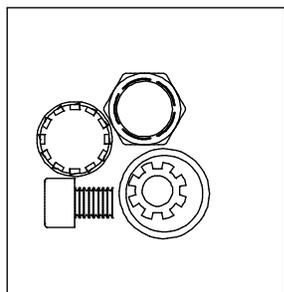
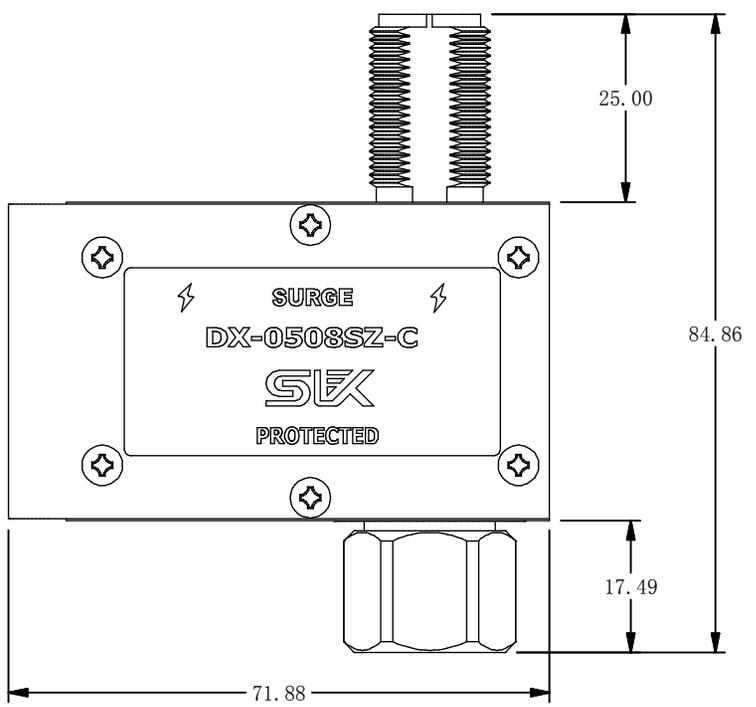
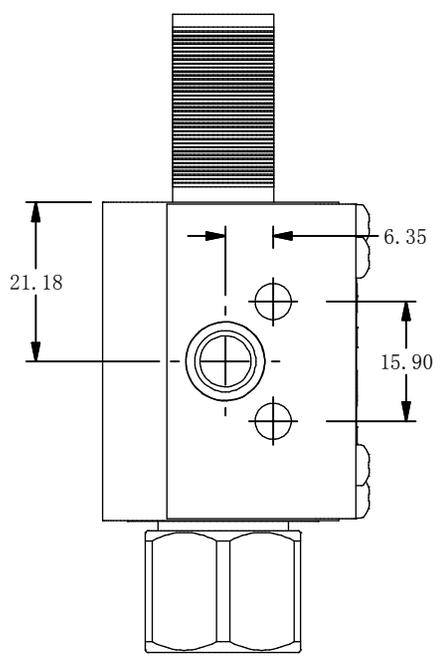
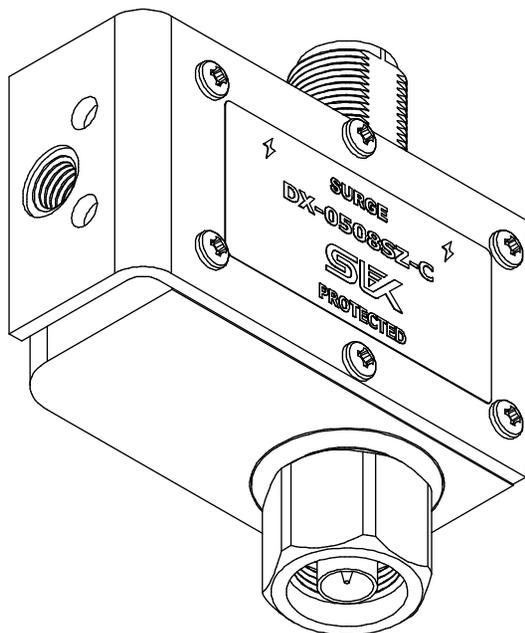


REV	DESCRIPTION	DATE	ME	EE	MKT	QA
-----	-------------	------	----	----	-----	----



**MAXIMUM CHARACTERISTICS**

**RF Specification :**

Frequency Range: 700MHz TO 1000MHz  
 VSWR: ≤1.2:1 (Over Frequency Range)  
 Insertion Loss: ≤0.2dB (Over Frequency Range)  
 RF Power: 300W RMS  
 PASS TELEMETRY SIGNAL 2.176MHz (IL≤0.4dB)

**TEMP/SURGE Specification :**

MAX. Surge: 20kA (1 Time IEC 61000-4-5 8/20μs WAVEFORM)  
 Rated Surge: 10kA (10 Times IEC 61000-4-5 8/20μs WAVEFORM)  
 Turn On Voltage: ±16.5Vdc  
 Turn On Time: 4ns FOR 2kV/ns  
 Let-Through Voltage: ≤30VDC±20% (FOR 10kA, 8/20μs WAVEFORM)  
 Let-Through Energy: ≤500μJ±20% (FOR 10kA, 8/20μs WAVEFORM)

**DC Characteristics:**

Operation Voltage: ±15.0Vdc (MAX)  
 Operation Current: ≤ 4.0A (CONTINUOUS)  
 DC Continuous Resistance: ≤ 0.2OHM

**Environment Characteristics:**

Meets IEC 60529 IP67& Bellcore #TA-NWT-000487  
 Operating and Storage temperature: -50°C to +85°C

**Application:**

DC Voltage Required Ideal For Sensitive Wireless Coaxial Equipment on UHF system Wireless  
 Such as LMR and CELLULAR  
 Weatherized, Flange or Bulkhead Mount  
 CE & RoHS COMPLIANT

DRAWN BY	DATE
BEN SEOW	2022/06/14
MECH ENG	DATE
ELEC ENG	DATE
Q.A. DEPT	DATE
MKT DEPT	DATE

**SLK**  
 SUPERLINK  
 No.11,5th Industrial Park,XiaCun,GongMing,GuangMing,ShenZhen,GuangDong,PRC,518106

PART NO / TITLE / DESCRIPTION  
**DX-0508SZ-C**  
 700-1000MHz PLUS TELEMETRY SIGNAL ADDED  
 DC PASS(±15.0VDC) NM/NM SURGER PROTECTOR

UNLESS OTHERWISE STATED DIMENSIONS ARE IN INCHES
<b>TOLERANCES</b>
SURFACE FINISH = 63μin
ANGLES = ±5°
.X = ±.05
.XX = ±.03
.XXX = ±.01
.XXXX = ±.005
DO NOT SCALE DRAWING
SCALE PAGE FILE TAG CAGE CODE
61114

ALL DESIGN, OPERATIVE AND PROCESS DATA PERTAINING TO THE ARTICLE SHOWN ON THIS SHEET IS THE PROPERTY OF SUPERLINK THE INFORMATION IS NOT TO BE COPIED, REPRODUCED, REVEALED TO OR APPROPRIATED BY OTHERS WITHOUT THE WRITTEN CONSENT OF SUPERLINK CORPORATION.