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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/28/21	

Technical drawing showing three views of a 10 Gigabit Small Form Factor Cage. The top view shows a rectangular component with a length of 79.93 REF and a width of 26.30 ± 0.50. The front view shows a component with a length of 56.30 ± 0.50 and a height of 2.300 MAX. The side view shows a component with a height of 12.80 ± 0.50. Labels include: FRONT EMI GASKET, FRONT FLANGE, ELASTOMERIC GASKET, and various dimensions such as 21.70 MIN, 13.30 ± 0.13, 2.0 REF, 1.10, 10.40, 2.20 TYP, 1.26 TYP, 2.00 MAX, 4.70 ± 0.50, and 30.20 ± 0.50.

SPECIFICATIONS:

Material:

Cage: Copper Alloy, Tin over Nickel underplate overall

Electrometric Gasket: Conductive Rubber

Cage Rear EMI Gasket: Conductive Foam

Front Flange: Zinc Alloy, Tin over Nickel and Copper flash

Front EMI Gasket: Copper Alloy, Matte Tin over Nickel underplate overall

Heat Sink Clip: Copper Alloy, Tin over Nickel underplate overall

Heat Sink: Aluminum, Nickel plated

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

mm	Angles
.X ± .25	± 2°
.XX ± .13	
.XXX ± .10	

DRAWN WX 5/28/21

CHECKED RC 5/28/21

APPROVED

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE
10 GIGABIT SMALL FORM FACTOR CAGE, 1PORT
DIP TYPE, EMI CLIP W/ GASKET, W/ HEAT SINK

SIZE	PART NO.	REV.
X	XFC-1-CS3-EMI-HSK	-
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

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6 5 4 3 2 1

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SEE SHT 1 OF 2 FOR REVISION				

CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

mm	Angles
.X ± .25	± 2°
.XX ± .13	
.XXX ± .10	

DRAWN	WX	5/28/21
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 Union, NJ 07083
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TITLE	10 GIGABIT SMALL FORM FACTOR CAGE, 1PORT DIP TYPE, EMI CLIP W/ GASKET, W/ HEAT SINK
SIZE	X
PART NO.	XFC-1-CS3-EMI-HSK
REV.	-
REF:	S00005C
SCALE:	NTS
SHEET	2 OF 2

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