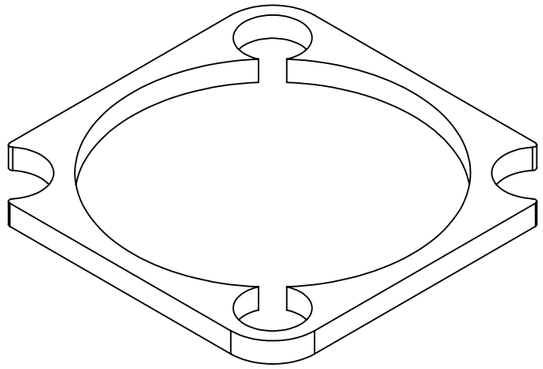
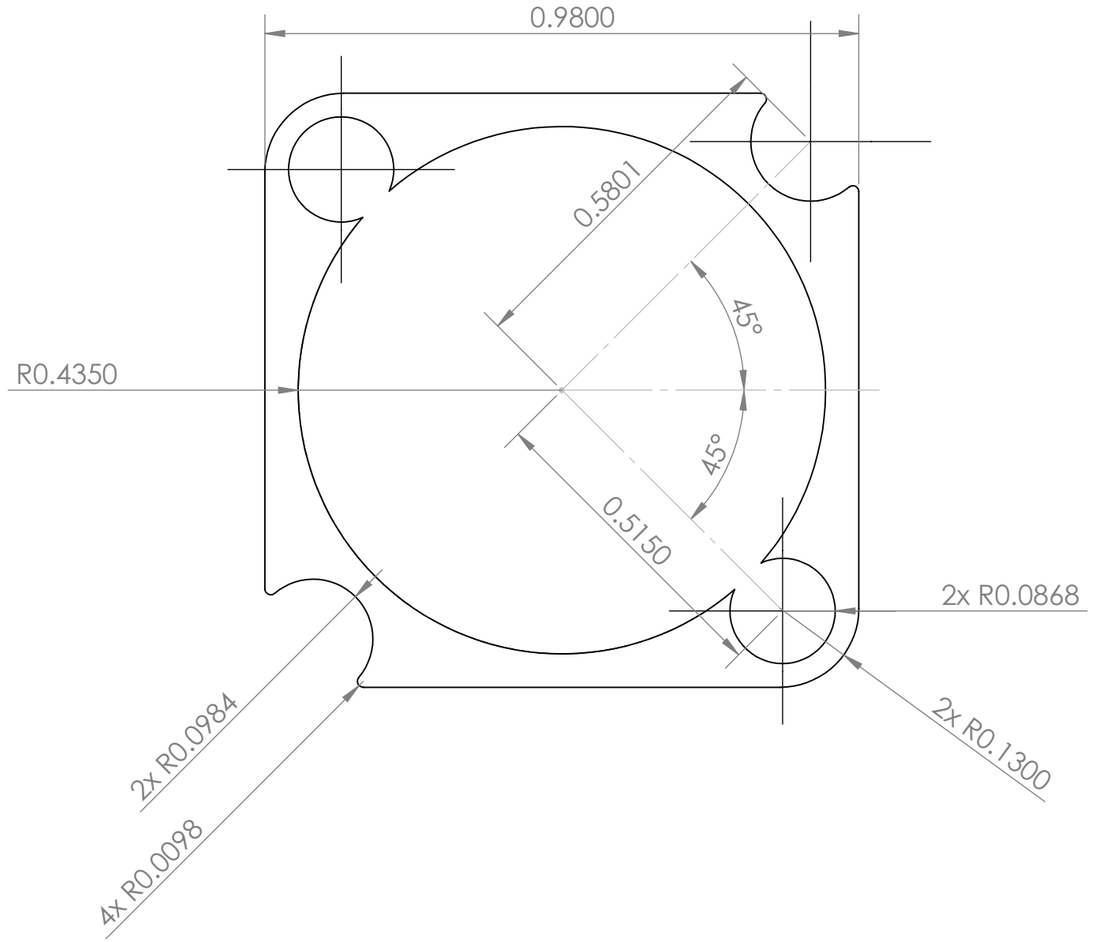
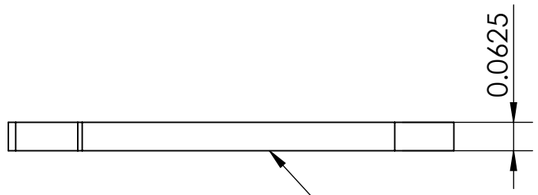
REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	FOR INITIAL RELEASE	07/09/2026	GMW







NOTES:
1. THICKNESS - 0.0625"
2. MATERIAL - S6053 (SEE SHEET 2)
3. ALL DIMENSIONS +/- 0.015"

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES (IN)
TOLERANCES:
1 PLACE ±.1 2 PLACES ±.03 3 PLACES ±.005
ANGLES 1 PLACE ±.1° 2 PLACES ±.5°
BREAK EDGES .005 - .020
FILLETS .005 - .020
GEOMETRIC TOLERANCING PER:
ASME Y14.5 -2018
FINISH: SEE DRAWING NOTES
MATERIAL: SEE DRAWING NOTES
THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	GMW	07/09/2026
CHECKED	GMW	07/09/2026

PROPRIETARY AND CONFIDENTIAL

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DO NOT SCALE DRAWING

SupplyNet DESIGN ENGINEERING MANUFACTURING

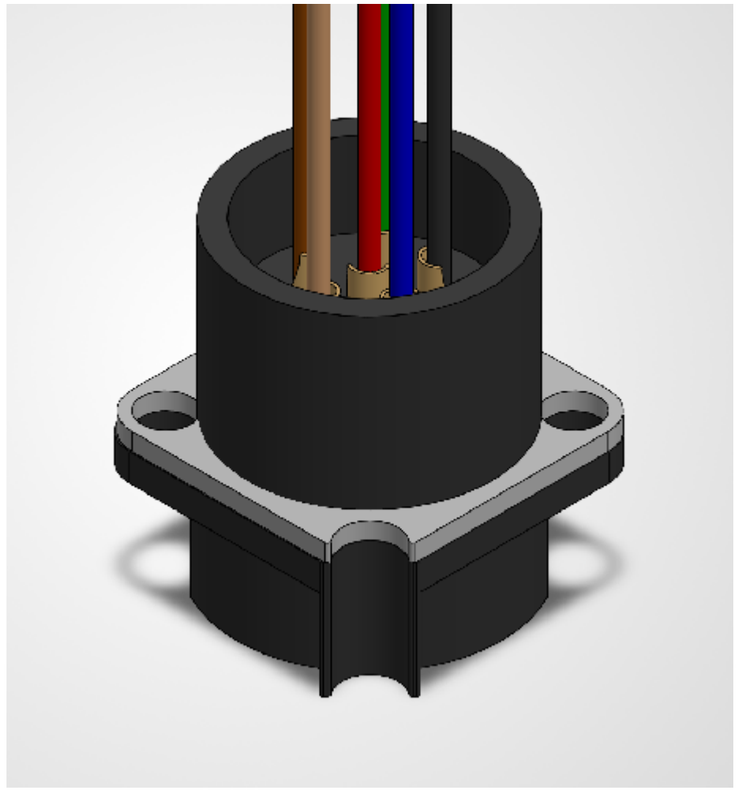
TITLE:

CONDUCTIVE GASKET FOR CONN-BB2590-F-W

SIZE	CAGE CODE	DWG. NO.	REV
B	1HJX9	10CONNBB2590FW	A

SCALE: N/A | REF. NUMBER: SN1560 | SHEET 1 OF 2

			Test Procedure (Type of Test)	ASMS 8581
Physical		Molded (M) or Extruded (E)	--	M/E
		Conductive Filler	--	Ni/C
		Elastomer Binder	--	Silicone
		Type (Ref. MIL-DTL-83528)	--	Not Applicable
		Volume Resistivity, ohm-cm, max., as supplied without pressure sensitive adhesive	CEPS-0002[C] (Q/C)	0.100
			MIL-DTL-83528 (Q/C)	Not Applicable
		Hardness, Shore A	ASTM D2240 (Q/C)	65 ±10
		Specific Gravity	ASTM D792 (Q/C)	2.00 ± 0.25
Thermal		Tensile Strength, psi (MPa), min.	ASTM D412 (Q/C)	200 (1.38)
		Elongation, % min. or % min./max.	ASTM D412 (Q/C)	100
		Tear Strength, lb/in. (kN/m), min.	ASTM D624 (Q)	50 (8.75)
		Compression Set, 70 hrs at 100°C, % max. [A]	ASTM D395, Method B (Q)	30
		Low Temperature Flex TR10, °C, min.	ASTM D1329 (Q)	-45
		Maximum Continuous Use Temperature, °C [B]	--	150
		Thermal Conductivity, W/m-K (Typical) 300 psi (2.07 MPa)	ASTM D5470	0.8
Electrical		Shielding Effectiveness, dB, min. [F]	Method 1: CHO-TP08[C] (Q)	Method 1
		200 kHz (H Field)	Method 2: MIL-DTL-83528 Para. 4.5.12 (Q)	Not Tested
		100 MHz (E Field)		100
		500 MHz (E Field)		100
		2 GHz (Plane Wave)		100
		10 GHz (Plane Wave)	Method 3: CHO-TP09[C] (Q)	100
		40 GHz (Plane Wave)		75
	Electrical Stability, ohm-cm, max.	Heat Aging	CEPS-0002[C] (Q)	0.250[E]
			MIL-DTL-83528 Para. 4.5.15 (Q/C)	Not Applicable
		Resistance During Vibration	MIL-DTL-83528 Para. 4.5.13 (Q)	Not Applicable
		Resistance After Vibration	MIL-DTL-83528 Para. 4.5.13 (Q)	Not Applicable
		Post Tensile Set Volume Resistivity	MIL-DTL-83528 Para. 4.5.9 (Q/C)	Not Applicable
Regulatory		EMP Survivability, kA per in. perimeter	MIL-DTL-83528 Para. 4.5.18 (Q)	Not Applicable
		RoHS Compliant	--	Yes
		UL 94 Flammability Rating	UL 94	V-0



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TOLERANCES:
1 PLACE ±.1 2 PLACES ±.03 3 PLACES ±.005
ANGLES 1 PLACE ±.1° 2 PLACES ±.5°
BREAK EDGES .005 - .020
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GEOMETRIC TOLERANCING PER:
ASME Y14.5 -2018

FINISH: SEE DRAWING NOTES

MATERIAL: SEE DRAWING NOTES

THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	GMW	07/09/2026
CHECKED	GMW	07/09/2026

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SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE:

CONDUCTIVE GASKET FOR CONN-BB2590-F-W

SIZE	CAGE CODE	DWG. NO.	REV
B	1HJX9	10CONNBB2590FW	A

SCALE: N/A | REF. NUMBER: SN1560 | SHEET 2 OF 2