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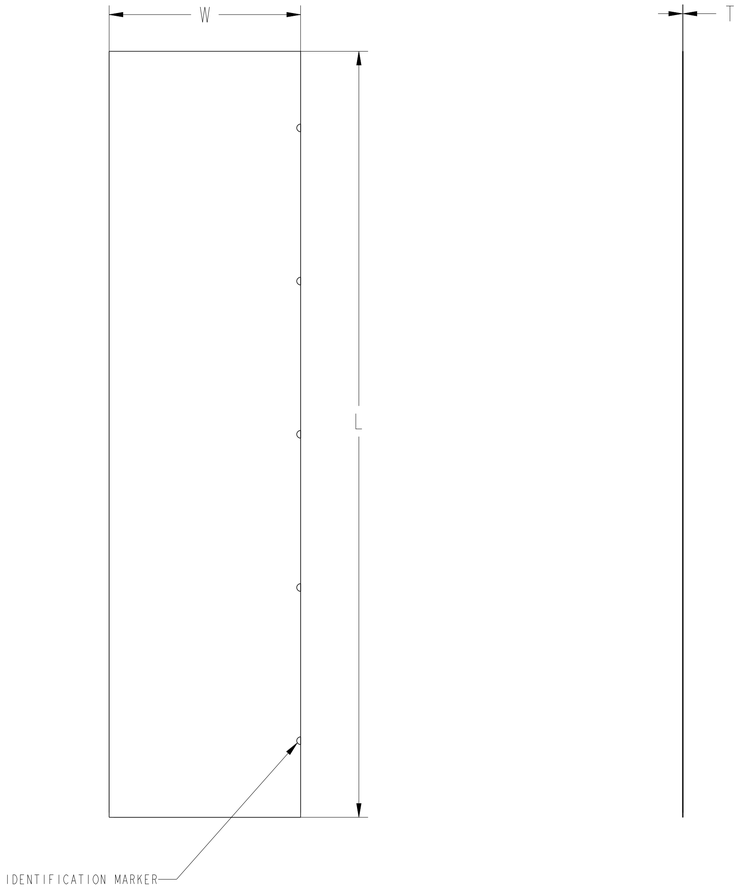
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW DRAWING	24JUN2022	BDA	DH
	A1	ADDED NEW PART NUMBERS	04JUL2022	BDA	DH
	A2	MATERIAL GENERIC NAME UPDATED	29MAY2025	CK	SB

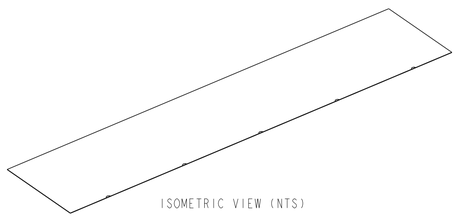
GENERAL TOLERANCES:

SHEET WIDTHS +0.0/-5.0mm
THICKNESS +/-0.13mm
SHEET LENGTH +/-10mm

MATERIAL SPECIFIC DATA TABLE

	410	420	450	460	470	480
RECOMMENDED OPERATING TEMPERATURE RANGE (°C)	-60 to 200	-60 to 200	-55 to 200	-55 to 200	-60 to 200	-60 to 200
WIRE TYPE	NICKEL-COPPER ALLOY	ALUMINIUM	NICKEL-COPPER ALLOY	ALUMINIUM	NICKEL-COPPER ALLOY	ALUMINIUM
WIRE DENSITY PER CM^2	140	140	140	140	100	100
ELASTOMER SHORE A HARDNESS	40	40	50	50	20	20
IDENTIFICATION MARKER COLOUR	RED	GREEN	RED	GREEN	BLUE	YELLOW





ISOMETRIC VIEW (NTS)

COLOUR	T	W	L	ALIAS PART NUMBER	MATERIAL	PART NUMBER
GREY	2.4	50	50	480-0024-0500-0500	480-ALUMINIUM WIRE IN SOFT SILICONE	2421710-1
GREY	1.6	50	50	480-0016-0500-0500	480-ALUMINIUM WIRE IN SOFT SILICONE	2421709-1
GREY	0.8	50	50	480-0008-0500-0500	480-ALUMINIUM WIRE IN SOFT SILICONE	2421708-1
GREY	2.4	50	50	470-0024-0500-0500	470-NICKEL-COPPER ALLOY WIRE IN SOFT SILICONE	2421707-1
GREY	1.6	50	50	470-0016-0500-0500	470-NICKEL-COPPER ALLOY WIRE IN SOFT SILICONE	2421706-1
GREY	0.8	50	50	470-0008-0500-0500	470-NICKEL-COPPER ALLOY WIRE IN SOFT SILICONE	2421705-1
BLUE	2.4	50	50	460-0024-0500-0500	460-ALUMINIUM WIRE IN FLUOROSILICONE	2421716-1
BLUE	1.6	50	50	460-0016-0500-0500	460-ALUMINIUM WIRE IN FLUOROSILICONE	2421715-1
BLUE	0.8	50	50	460-0008-0500-0500	460-ALUMINIUM WIRE IN FLUOROSILICONE	2421714-1
BLUE	2.4	50	50	450-0024-0500-0500	450-NICKEL-COPPER ALLOY WIRE IN FLUOROSILICONE	2421713-1
BLUE	1.6	50	50	450-0016-0500-0500	450-NICKEL-COPPER ALLOY WIRE IN FLUOROSILICONE	2421712-1
BLUE	0.8	50	50	450-0008-0500-0500	450-NICKEL-COPPER ALLOY WIRE IN FLUOROSILICONE	2421711-1
GREY	2.4	50	50	420-0024-0500-0500	420-ALUMINIUM WIRE IN SILICONE	2421704-1
GREY	1.6	50	50	420-0016-0500-0500	420-ALUMINIUM WIRE IN SILICONE	2421703-1
GREY	0.8	50	50	420-0008-0500-0500	420-ALUMINIUM WIRE IN SILICONE	2421702-1
GREY	2.4	50	50	410-0024-0500-0500	410-NICKEL-COPPER ALLOY WIRE IN SILICONE	2421701-1
GREY	1.6	50	50	410-0016-0500-0500	410-NICKEL-COPPER ALLOY WIRE IN SILICONE	2421699-1
GREY	0.8	50	50	410-0008-0500-0500	410-NICKEL-COPPER ALLOY WIRE IN SILICONE	2421698-1
GREY	2.4	225	1000	480-0024-2250-10000	480-ALUMINIUM WIRE IN SOFT SILICONE	2420723-1
GREY	1.6	225	1000	480-0016-2250-10000	480-ALUMINIUM WIRE IN SOFT SILICONE	2420722-1
GREY	0.8	225	1000	480-0008-2250-10000	480-ALUMINIUM WIRE IN SOFT SILICONE	2420721-1
GREY	2.4	225	1000	470-0024-2250-10000	470-NICKEL-COPPER ALLOY WIRE IN SOFT SILICONE	2420720-1
GREY	1.6	225	1000	470-0016-2250-10000	470-NICKEL-COPPER ALLOY WIRE IN SOFT SILICONE	2420719-1
GREY	0.8	225	1000	470-0008-2250-10000	470-NICKEL-COPPER ALLOY WIRE IN SOFT SILICONE	2420718-1
BLUE	2.4	150	1000	460-0024-1500-10000	460-ALUMINIUM WIRE IN FLUOROSILICONE	2420729-1
BLUE	1.6	150	1000	460-0016-1500-10000	460-ALUMINIUM WIRE IN FLUOROSILICONE	2420728-1
BLUE	0.8	150	1000	460-0008-1500-10000	460-ALUMINIUM WIRE IN FLUOROSILICONE	2420727-1
BLUE	2.4	150	1000	450-0024-1500-10000	450-NICKEL-COPPER ALLOY WIRE IN FLUOROSILICONE	2420726-1
BLUE	1.6	150	1000	450-0016-1500-10000	450-NICKEL-COPPER ALLOY WIRE IN FLUOROSILICONE	2420725-1
BLUE	0.8	150	1000	450-0008-1500-10000	450-NICKEL-COPPER ALLOY WIRE IN FLUOROSILICONE	2420724-1
GREY	2.4	225	1000	420-0024-2250-10000	420-ALUMINIUM WIRE IN SILICONE	2420717-1
GREY	1.6	225	1000	420-0016-2250-10000	420-ALUMINIUM WIRE IN SILICONE	2420716-1
GREY	0.8	225	1000	420-0008-2250-10000	420-ALUMINIUM WIRE IN SILICONE	2420715-1
GREY	2.4	225	1000	410-0024-2250-10000	410-NICKEL-COPPER ALLOY WIRE IN SILICONE	2420714-1
GREY	1.6	225	1000	410-0016-2250-10000	410-NICKEL-COPPER ALLOY WIRE IN SILICONE	2420713-1
GREY	0.8	225	1000	410-0008-2250-10000	410-NICKEL-COPPER ALLOY WIRE IN SILICONE	2420712-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL: SEE TABLE
FINISH: -

DWN 24JUN2022 BASAVARAJA D A
CHK 24JUN2022 B.SELVAPANDIAN
APVD 24JUN2022 D. HEMMINGS
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME: 400 - ORIENTED WIRE IN SILICONE SERIES -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-400-WIRE-SHEET	-

CUSTOMER DRAWING | SCALE 1:4 | SHEET 1 OF 1 | REV A2

4805 (3/13)