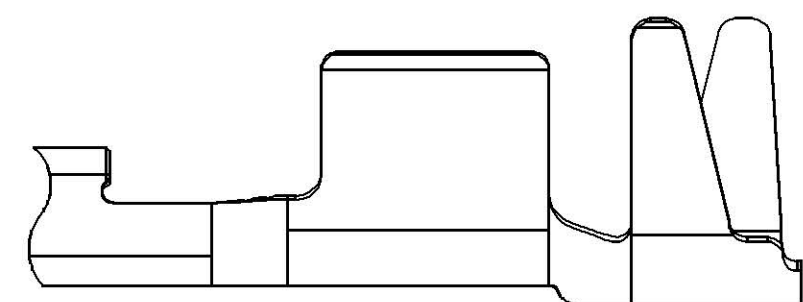
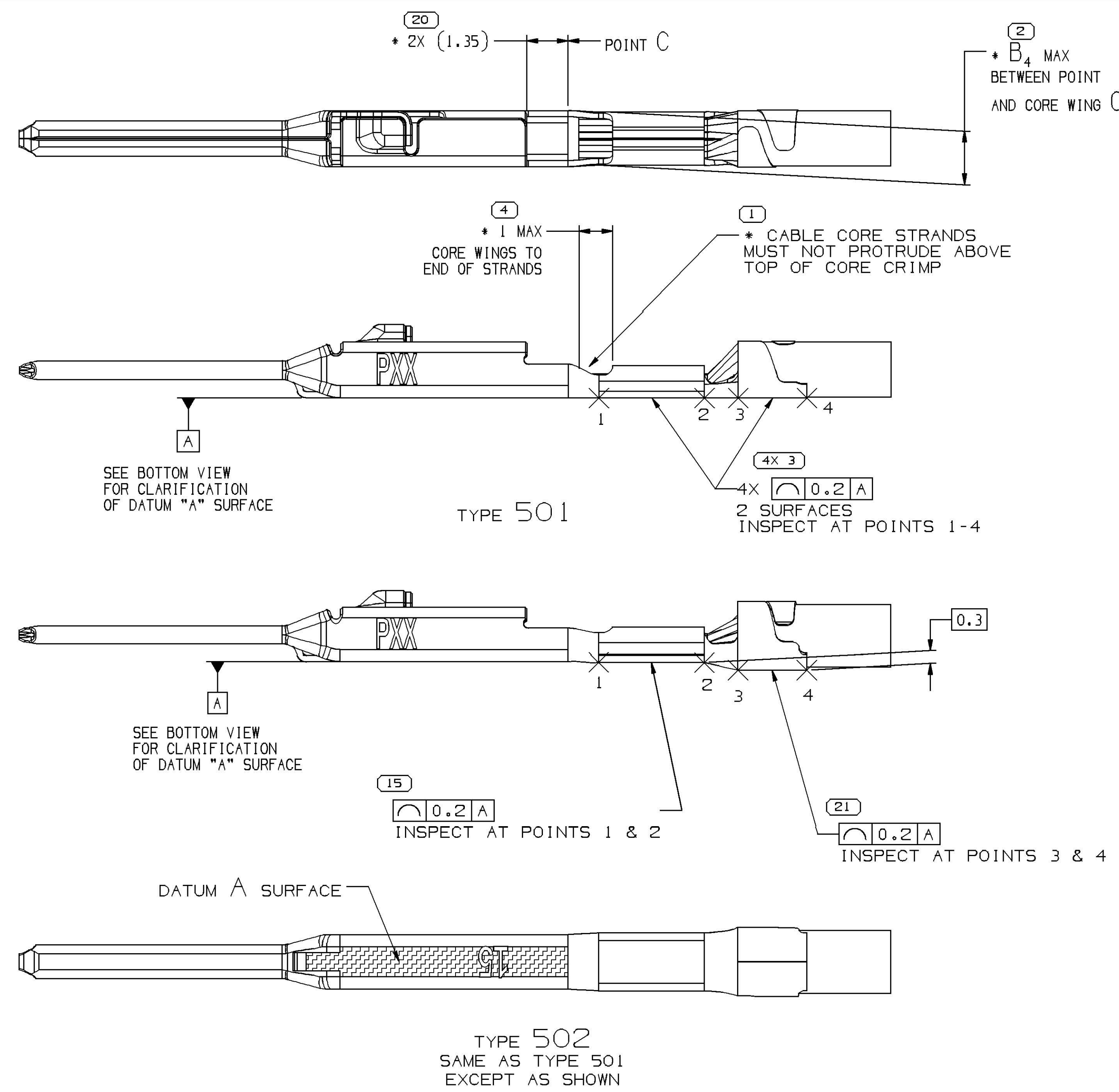
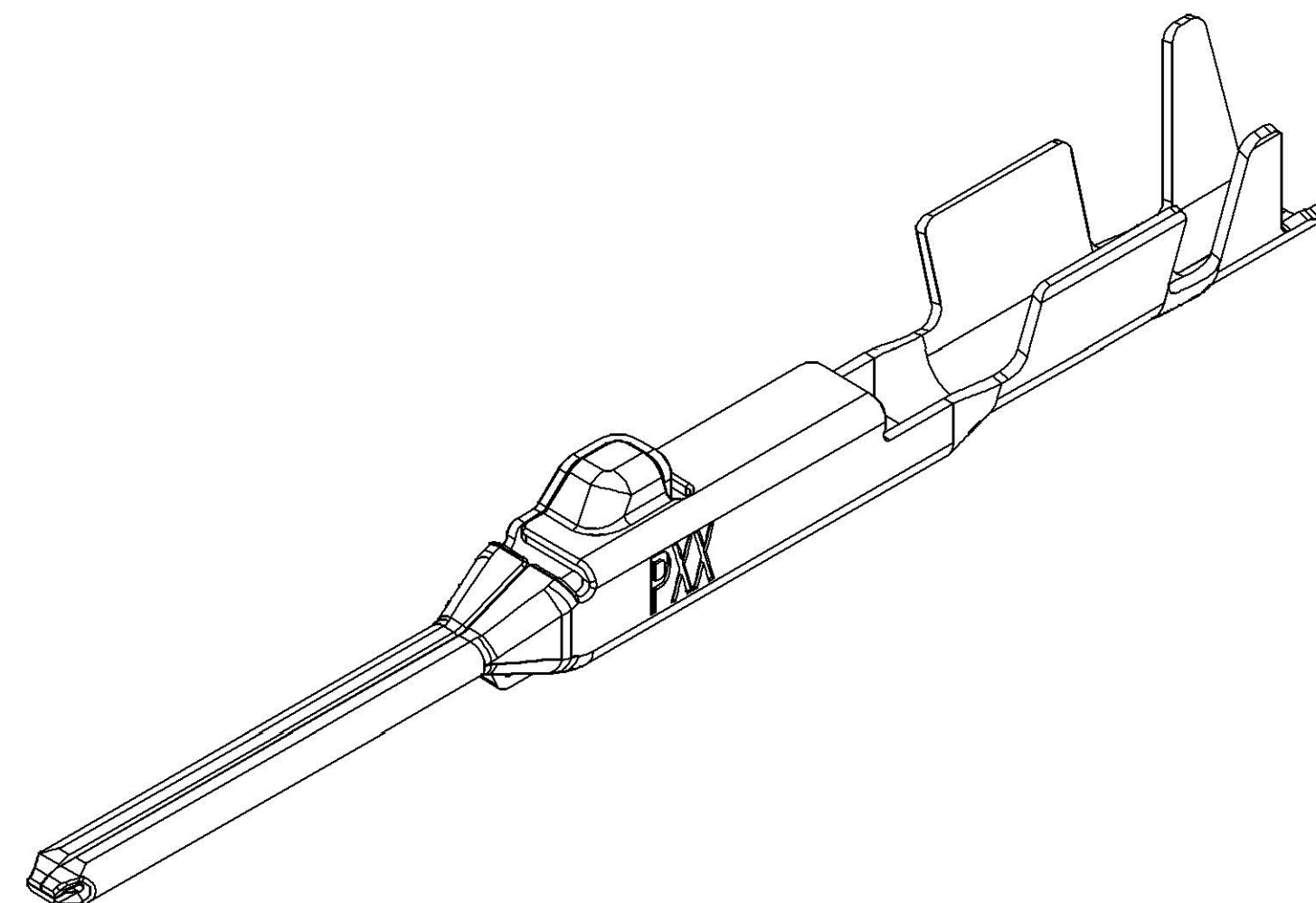
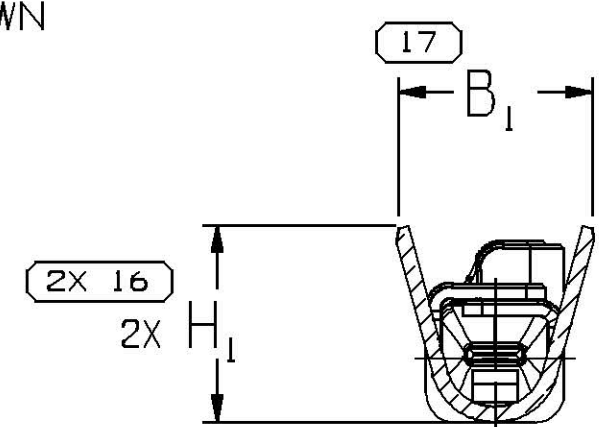
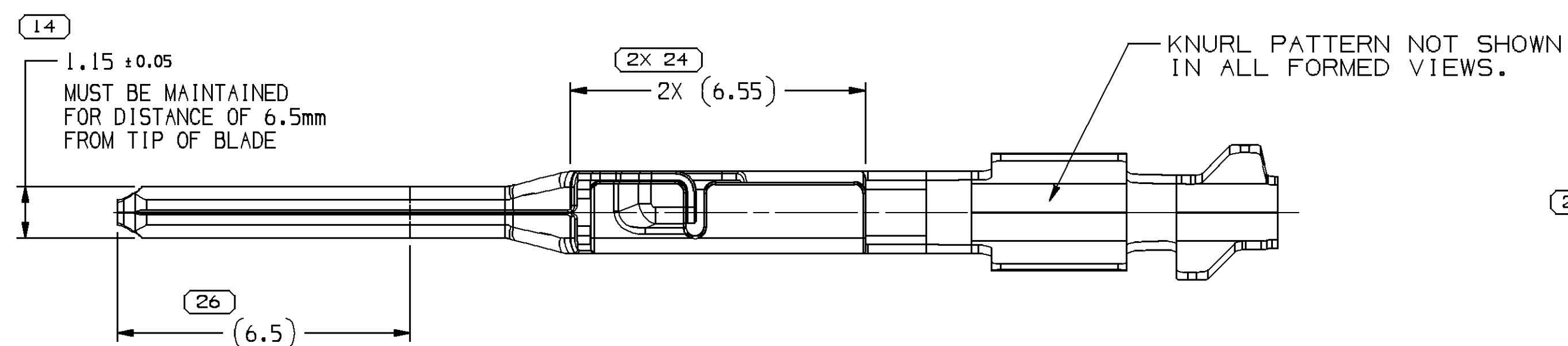




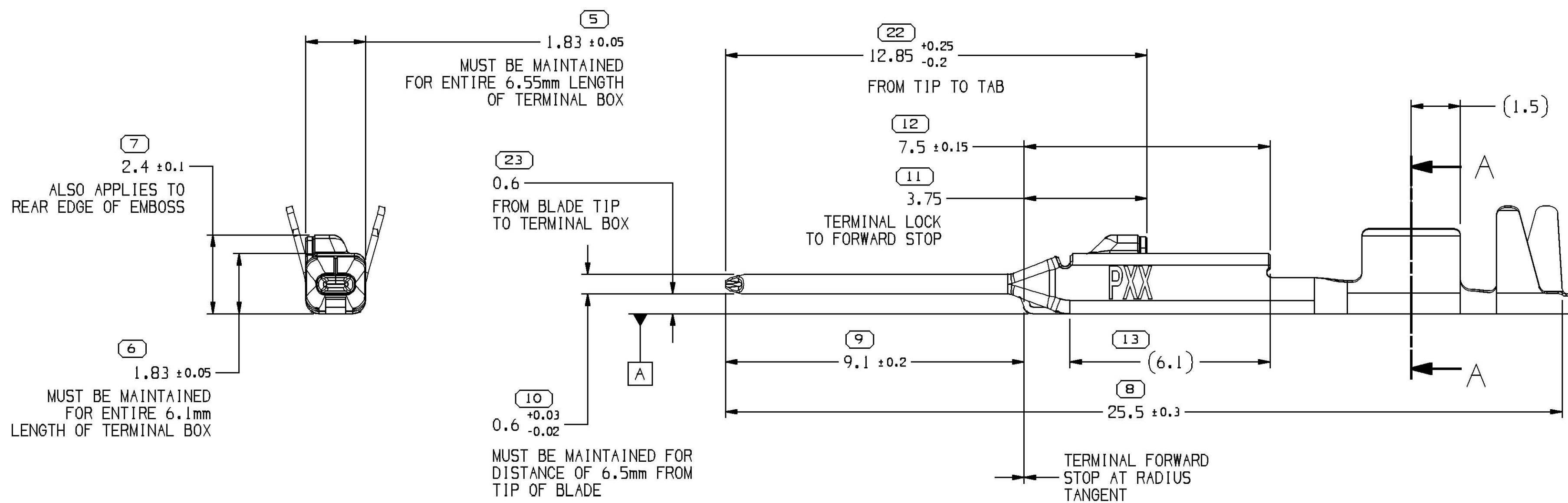
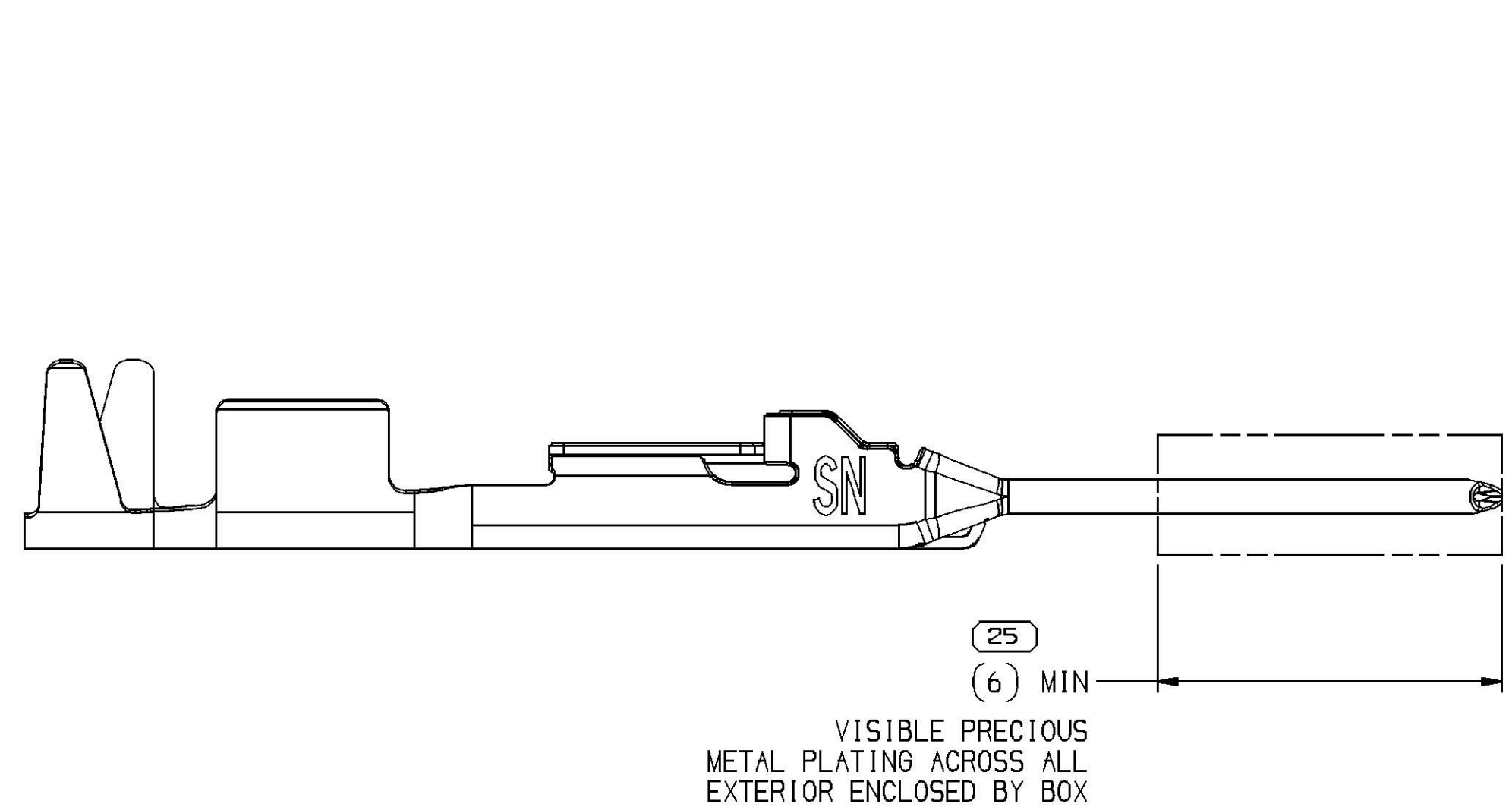
TYPE 402
SAME AS TYPE 401
EXCEPT AS SHOWN



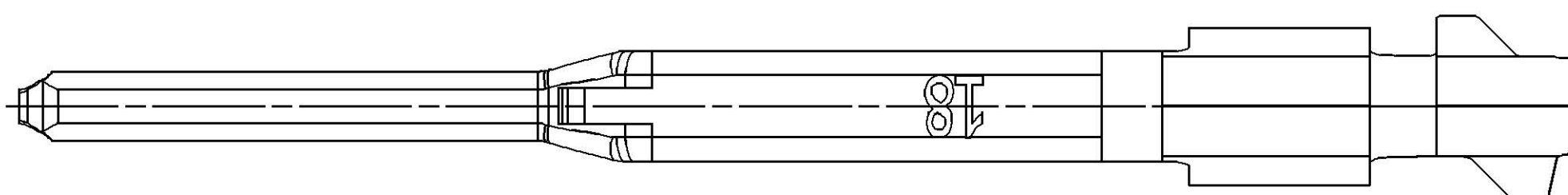
TERMINAL, CABLE ALIGNMENT & POSITION



SECTION A - A



TYPE 501



NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. FOR TYPE 401 WITH CABLE SIZES UP TO 1.9mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 1.9mm AND HEIGHT 1.9mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm.

FOR TYPE 401 WITH CABLE SIZES GREATER THAN 1.9mm BUT LESS THAN 2.34mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 2.25mm AND HEIGHT 2.35mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm

FOR TYPE 402 WITH CABLE SIZES UP TO 2.4mm O.D.; MAXIMUM INSULATION CRIMP WIDTH OF 2.6mm AND HEIGHT 2.6mm; MAXIMUM CORE CRIMP WIDTH IS 1.9mm

3. PLATING TYPE:

I. REFLOW TIN 1.9 - 3.3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.5 MICROMETERS THICK.

II. SILVER 1.0 - 2.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.254 MICROMETERS THICK.

III. MATTE TIN 1.9 - 7.0 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.127 - 0.254 MICROMETERS THICK. (FOR USE WITH SELECTIVE SILVER PLATING SPECIFICATION)

PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.

4. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 R6 SECTION 5.3.3 IS 16.5 AMPS WITH 1.5mm² COPPER CABLE.

5. * DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE

6. REFERENCE MATING COMPONENTS OR EQUIVALENTS: TERMINAL 35072409

7. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMW3191 JUNE 2012 AND SAE/USCAR-2 R6 REVISION FOR THE FOLLOWING CLASSIFICATIONS:

TEMPERATURE CLASS 3 (-40° TO 125° C)
VIBRATION CLASS 1 (ON BODY OR CHASSIS)
SEALING CLASS 1 (UNSEALED) FOR CABLE I.D. 25 & 15
SEALING CLASS 2 OR 3 (SEALED CONNECTOR DEPENDENT) FOR CABLE I.D. 21 & 18

8. FOR TERMINALS PACKAGED & STORED IN THE APPROVED MANNER, TARNISH ON SILVER PLATED SURFACES WILL NOT AFFECT THE PERFORMANCE OF THE PART.

9. 15 CABLE I.D. P/N IS NOT APPROVED FOR USE IN SUMITOMO CONNECTOR HOUSINGS - THE TERMINAL-CONNECTOR POLARIZATION FEATURE IN THE CONNECTOR CAVITY DOES NOT MEET REQUIREMENTS.

CABLE I.D.	CABLE SIZE (mm ²)	CABLE DIAMETER	B ₁ ± 0.15	B ₂ ± 0.25	B ₄	(H ₁)	(H ₂)
25	0.13 - 0.22	0.81 - 1.2	1.5	1.8	1.65	1.4	1.8
21	0.35 - 0.5	1.2 - 1.83	2.1	2.85	1.85	2.05	3.15
18	0.75 - 1.0	1.7 - 2.34	2.6	3	1.88	2.6	3.3
15	1.25 - 1.5	1.8 - 2.4	3.1	3.9	2.2	3.1	3.8

PART NUMBER	REV	N/P	CABLE I.D. STATUS	TYPE	MATERIAL SPECIFICATION	MATERIAL SIZE	CONTACT AREA PLATING TYPE (SEE NOTE 3)	CRIMP AREA PLATING TYPE (SEE NOTE 3)	CONTACT PLATING I.D.	CABLE I.D.	CABLE SIZE (mm ²)	CABLE DIAMETER	B ₁ ± 0.15	B ₂ ± 0.25	B ₄	(H ₁)	(H ₂)
35091063	01	-	-	501	TIN PLATED COPPER ALLOY	0.2 X 29.5	I	I	SN	25	0.13 - 0.22	0.81 - 1.2	1.5	1.8	1.65	1.4	1.8
35091062	01	-	-	501	TIN PLATED COPPER ALLOY	0.2 X 29.5	I	I	SN	21	0.35 - 0.5	1.2 - 1.83	2.1	2.85	1.85	2.05	3.15
35091061	01	-	-	501	TIN PLATED COPPER ALLOY	0.2 X 29.5	I	I	SN	18	0.75 - 1.0	1.7 - 2.34	2.6	3	1.88	2.6	3.3
35091060	01	-	SEE NOTE #9	502	TIN PLATED COPPER ALLOY	0.2 X 29.5	I	I	SN	15	1.25 - 1.5	1.8 - 2.4	3.1	3.9	2.2	3.1	3.8

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

SYMBOL DEFINITION	TOTAL NO. OF INSPECTIONS REQUIRED	LAST NO. USED
32	32	26

MISSING SYMBOLS	NO MISSING SYMBOL ER
32	26

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APV	APV2
02AP18	R	01	-	-	-	ALL PARTS - RELEASED PART DRAWING	439407	ABC	ABC	RBS

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APV	APV2
02AP18	R	01	-	-	-	ALL PARTS - RELEASED PART DRAWING	439407	ABC	ABC	RBS

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APV	APV2
02AP18	R	01	-	-	-	ALL PARTS - RELEASED PART DRAWING	439407	ABC	ABC	RBS

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APV	APV2
02AP18	R	01	-	-	-	ALL PARTS - RELEASED PART DRAWING	439407	ABC	ABC	RBS

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APV	APV2
02AP18	R	01	-	-	-	ALL PARTS - RELEASED PART DRAWING	439407	ABC	ABC	RBS

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APV	APV2
02AP18	R	01	-	-	-	ALL PARTS - RELEASED PART DRAWING	439407	ABC	ABC	RBS

Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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