

Part Name Shield housing hand mate, 26pos Gen Y black Cust. Part Number 9U5T-14489-PA

Shown on Drawing Number 9U5T-14489-PA Org. Part Number 1924141-1

Engineering Change Level AELE-E-12625180-829 Dated 17/06/2019

Additional Engineering Changes _____ Dated _____

Safety and/or Government Regulation ☐ Yes ☒ No Purchase Order No. _____ Weight (kg) 0.005

Checking Aid Number _____ Checking Aid Engineering Change Level _____ Dated _____

ORGANIZATION MANUFACTURING INFORMATION

TE Connectivity Belgium bv /370 654 167

Organization Name and Supplier Code

Siemenslaan 14

Street Address

Oostkamp **8020** **Belgium**

City Region Postal Code Country

CUSTOMER SUBMITTAL INFORMATION

Nursan Kablo Donanimlari

Customer Name/Division

Buyer/Buyer Code

Ford

Application

MATERIALS REPORTING

Has customer-required Substance of Concern information been reported
Submitted by IMDS or other customer format

☐ Yes ☒ No ☐ n/a

83098230/6

Are polymeric parts identified with appropriate ISO marking codes?

☒ Yes ☐ No ☐ n/a

REASON FOR SUBMISSION (Check at least one)

- | | |
|---|--|
| <input checked="" type="checkbox"/> Initial submission | <input type="checkbox"/> Change to Optional Construction or Material |
| <input type="checkbox"/> Engineering Change(s) | <input type="checkbox"/> Sub-Supplier or Material Source Change |
| <input type="checkbox"/> Tooling: Transfer, Replacement, Refurbishment, or additional | <input type="checkbox"/> Change in Part Processing |
| <input type="checkbox"/> Correction of Discrepancy | <input type="checkbox"/> Parts Produced at Additional Location |
| <input type="checkbox"/> Tooling Inactive > than 1 year | <input type="checkbox"/> Other - please specify |

REQUESTED SUBMISSION LEVEL (Check one)

- ☐ Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.
- ☒ Level 2 - Warrant with product samples and limited supporting data submitted to customer.
- ☐ Level 3 - Warrant with product samples and complete supporting data submitted to customer.
- ☐ Level 4 - Warrant and other requirements as defined by customer.
- ☐ Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.

SUBMISSION RESULTS

The results for ☒ dimensional measurement ☒ material and functional tests ☐ appearance criteria ☐ statistical process package

These results meet all design record requirements: ☒ Yes ☐ No (If "No" - Explanation Required)

Mold / Cavity / Production Process Molding 4 cav tool 21-1780983 (C1...C4)

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts, which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at the production rate of 9500/8 hours

I also certify that documented evidence of such compliance is on file and is available for review. I have noted any deviations from this declaration below.

EXPLANATION/COMMENTS

Is each Customer Tool properly tagged and numbered? ☐ Yes ☐ No

Organization Authorized Signature  Date 23/09/2021

Print Name Petra Rolly Phone No. 0032 50 83 2629 Fax _____

Title PPAP Administrator Email petra.rolly@TE.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition : ☐ Approved ☐ Rejected ☐ Other _____

Customer Signature _____ Date _____

Print Name _____ Customer Tracking Number (optional) _____

[illegible]

7. PART MUST CONFORM TO REV. 4 OF 5AE/UCR-2 DATED 31MAY2005.

8. ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.

9. GENERAL TOLERANCES: ± 0.1 ALL TWO PLACE DIMENSIONS, ± 0.01 ALL ANGULAR DIMENSIONS.

10. N/A.

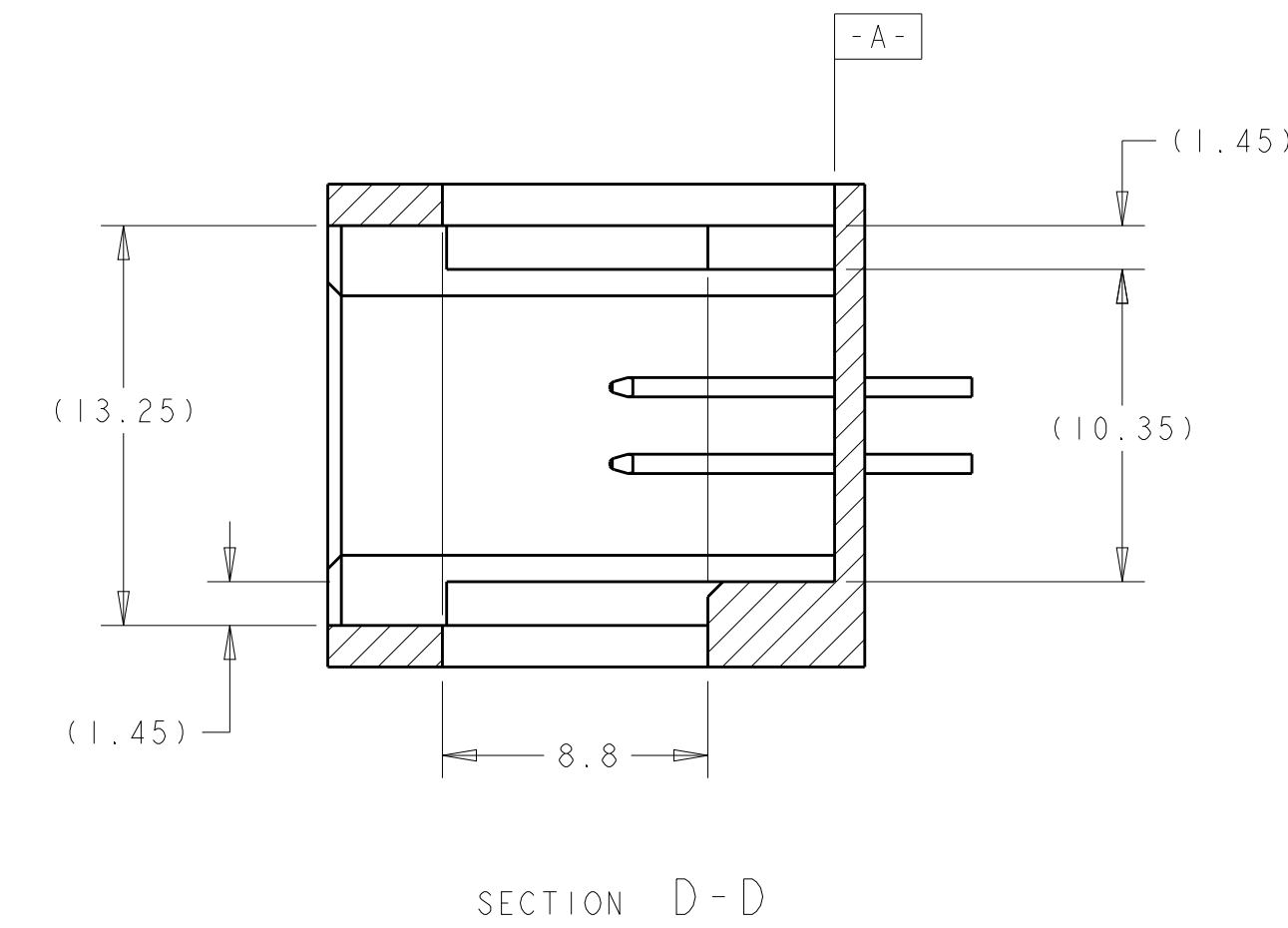
11. PIN PLATING DETAILS:
TIN BLADE FINISH: 0.8µm MIN TIN IN MATING AREA OVER 1.000µm MIN NICKEL.

12. N/A.

13. PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.

14. INTERFACE SHOWN FOR REFERENCE ONLY.
CONTACT TO ELECTRONICS BEFORE TOOLING.

△ NO BURRS OR SHARP EDGES ON BLADE TIP GEOMETRY OR BLADE EDGES.



45° TYP

0.5 TYP

26X 0.64±0.02

26X 7.45±0.30

10°

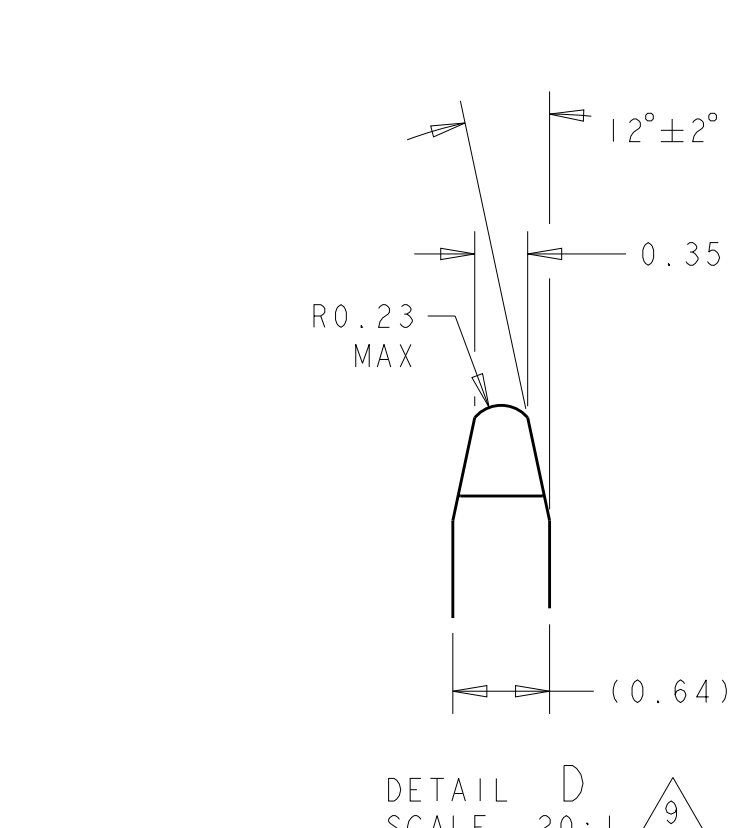
3.60

SEE DETAIL E

26X MATING AREA

SECTION B-B

Φ 0.25 A B C TIP
9 10 11 12 BASE FAT -A-



Technical drawing of a door frame section. The main drawing shows a cross-section of a door frame with dimensions 6.20 and 9.30. A detail view of a door handle is shown with dimensions 26 and 13.

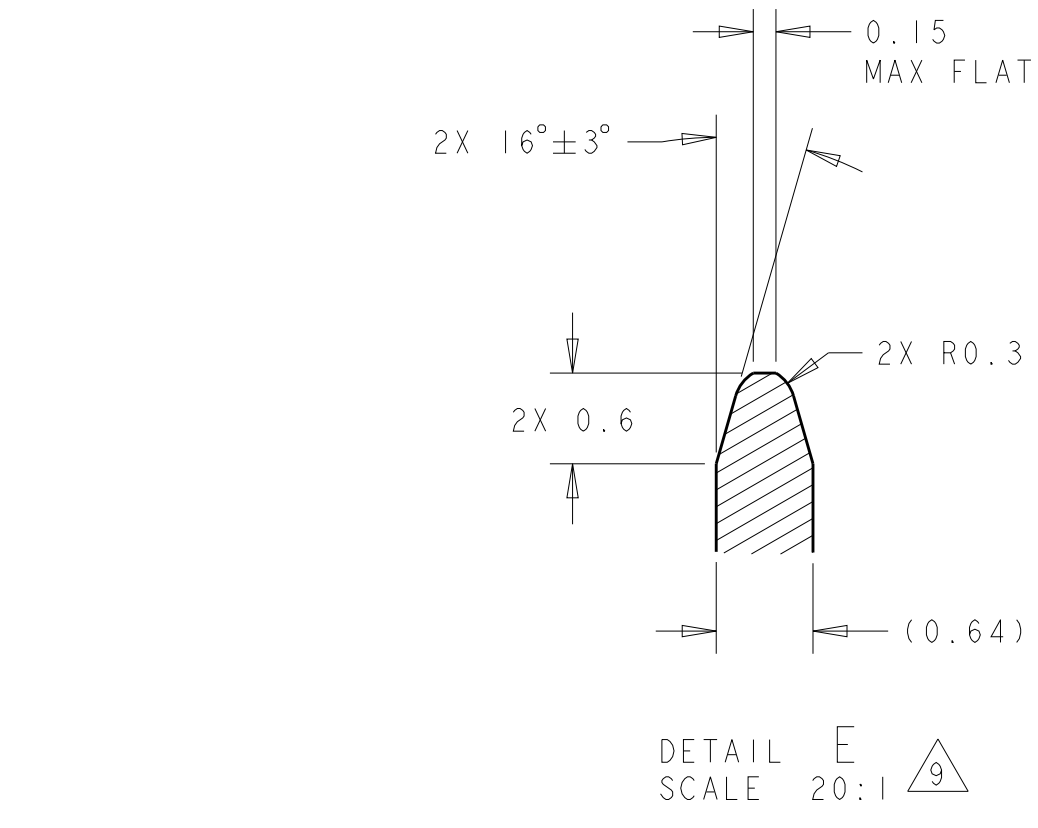
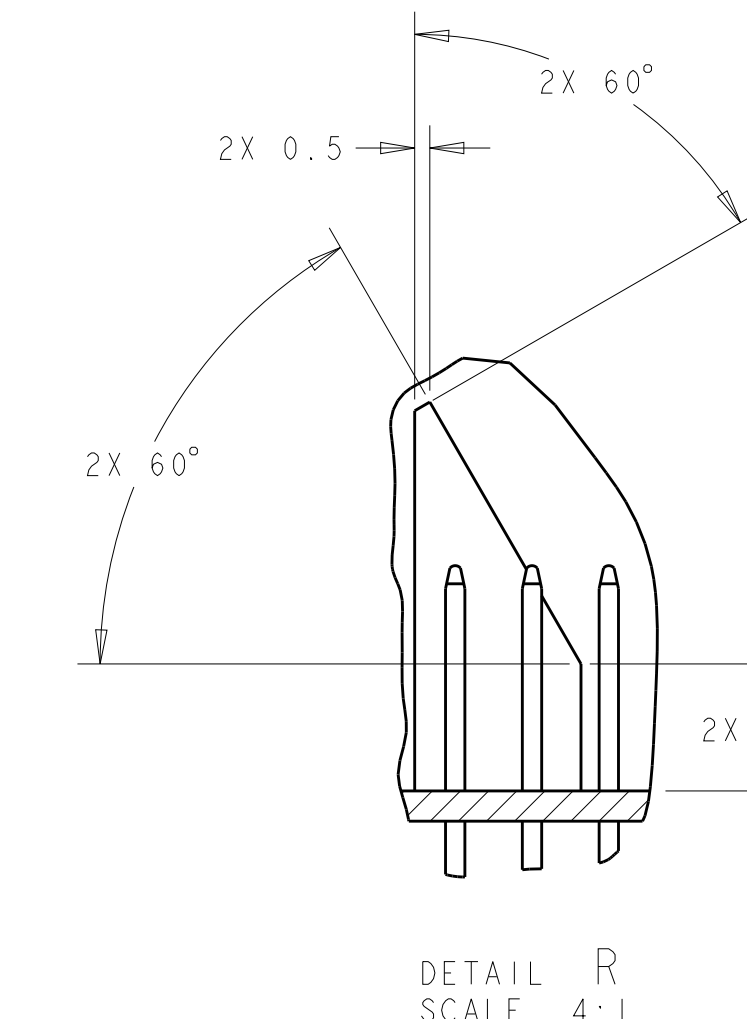
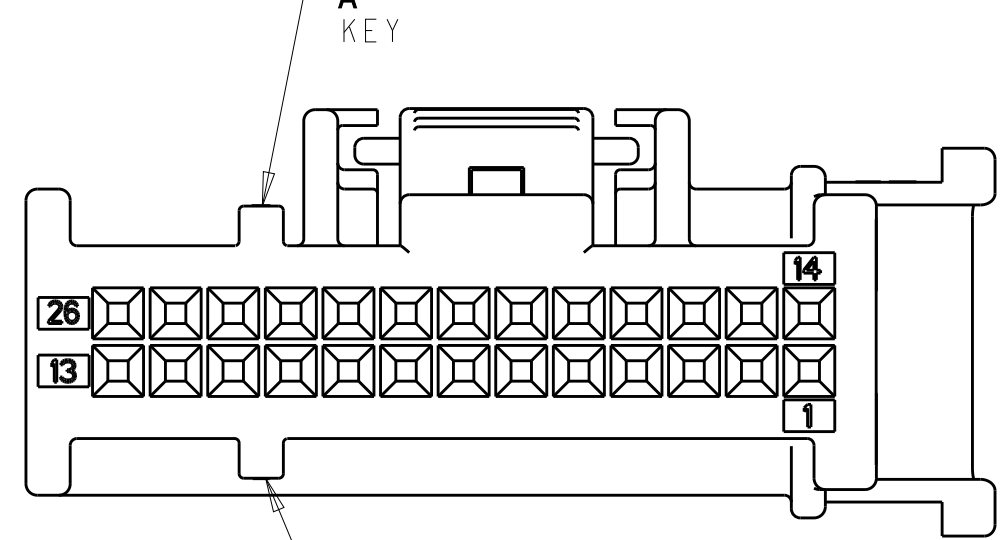
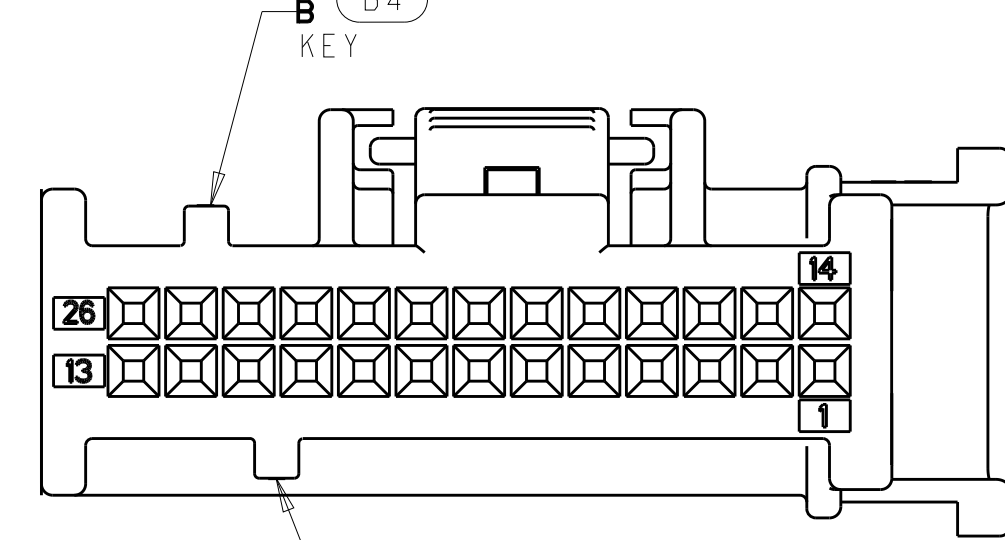
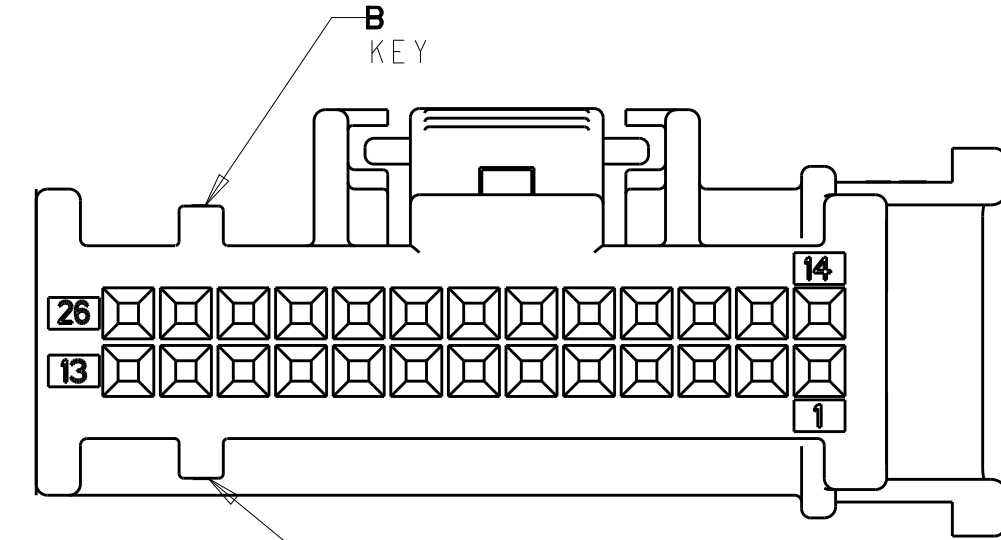
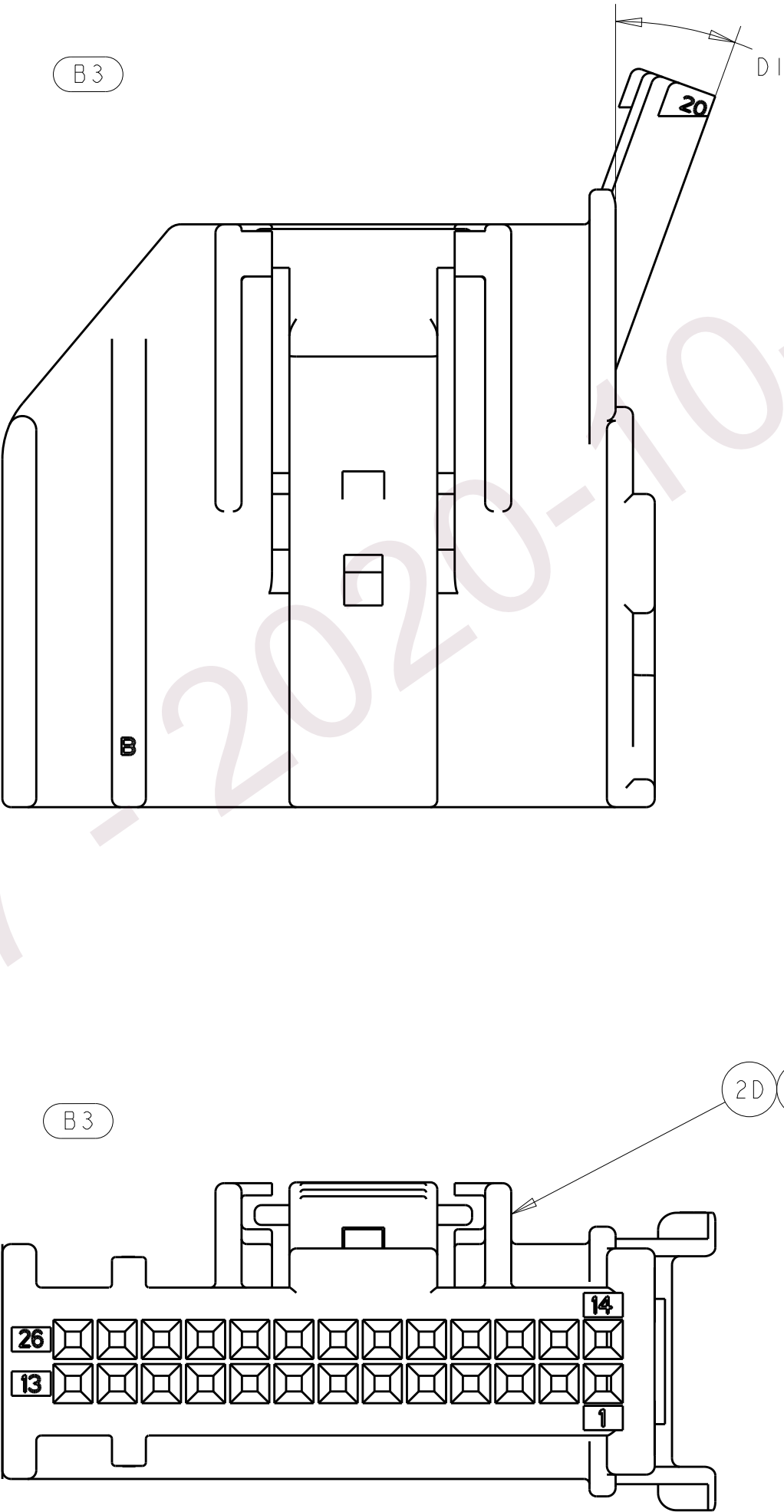
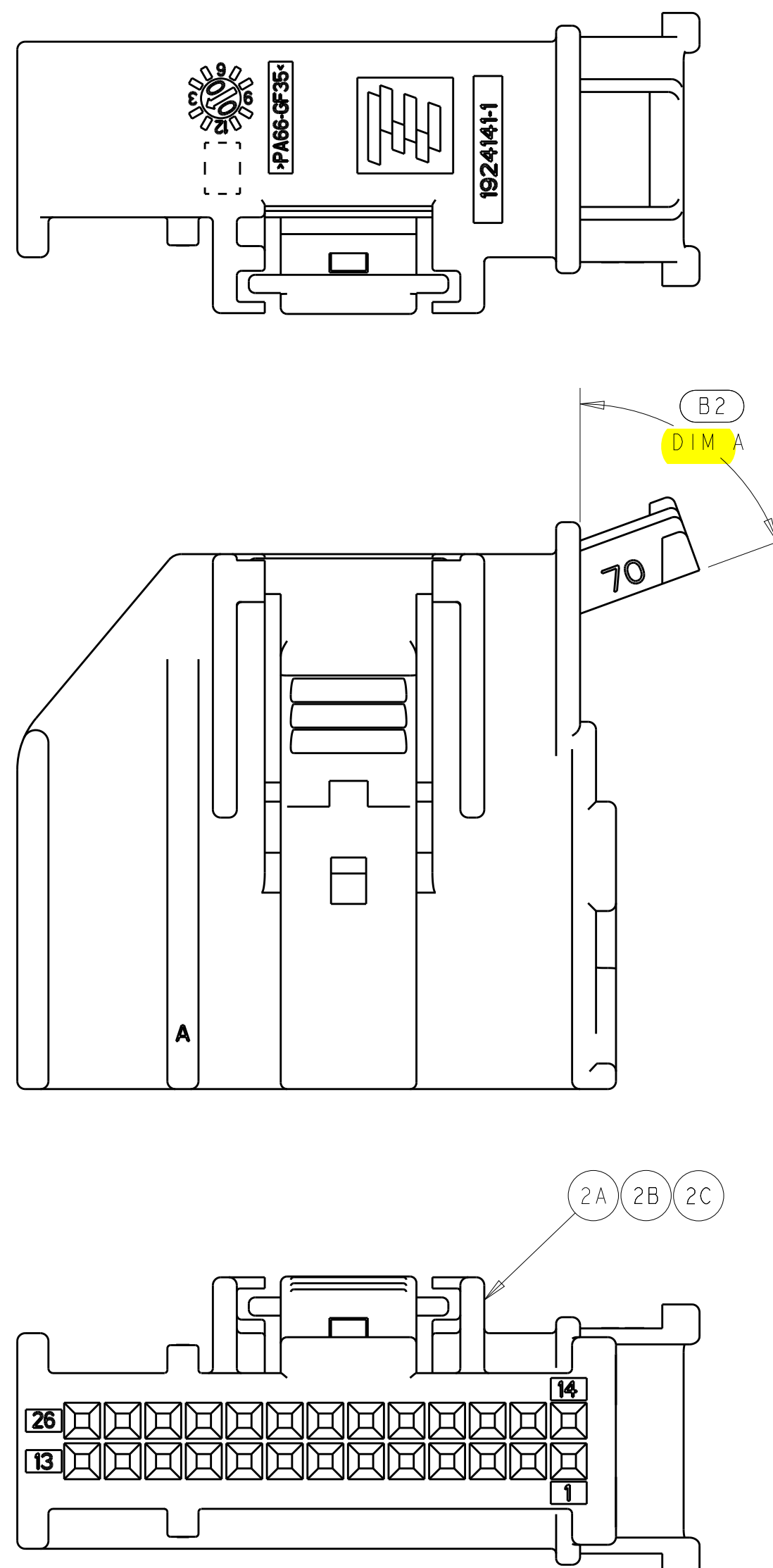
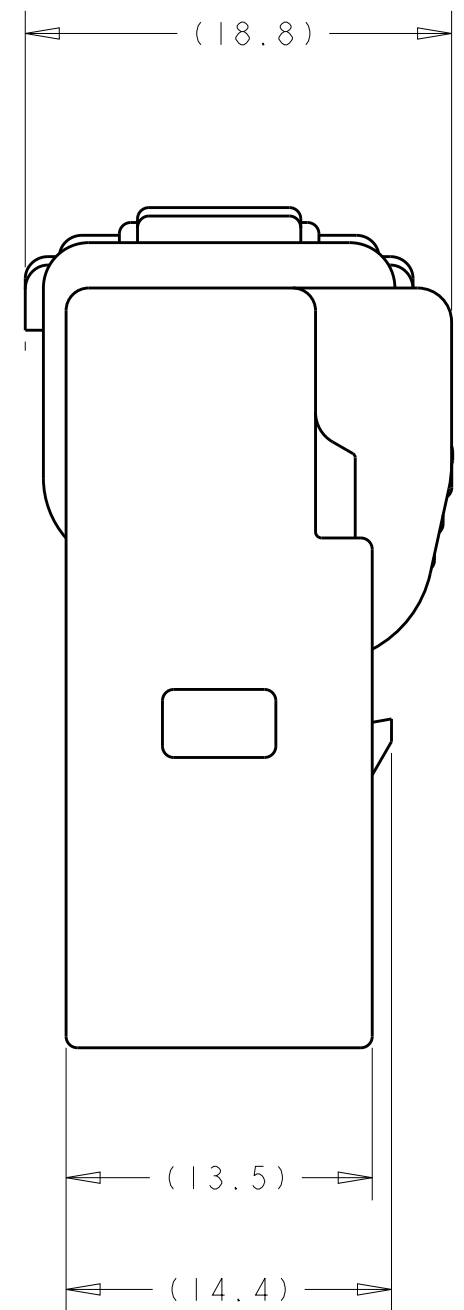


Figure 1 is a plan view of the experimental setup. It shows a rectangular arena with a grid of dots in the center. Four numbered locations (1, 14, 26, 13) are marked. Dimensions of 9.30 are indicated on the right side.

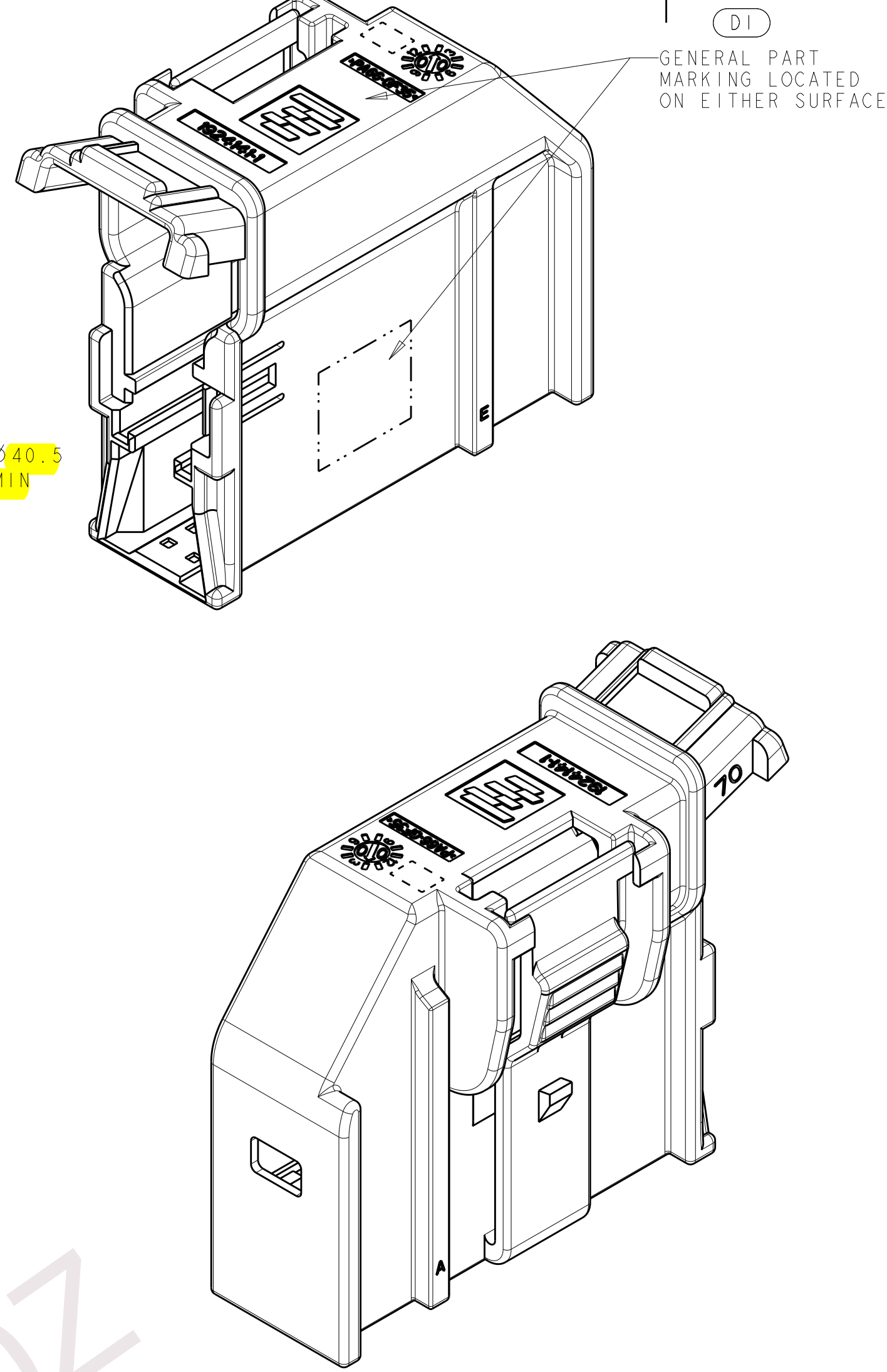
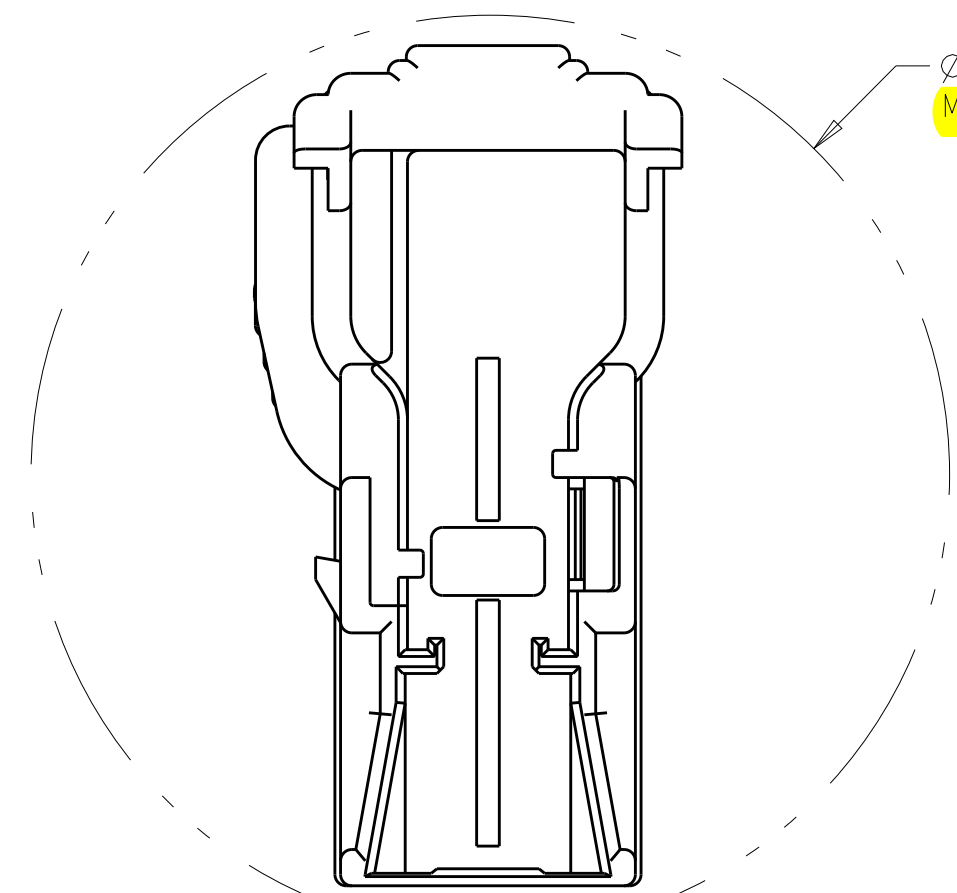


KEY OPTION A-E SHOWN



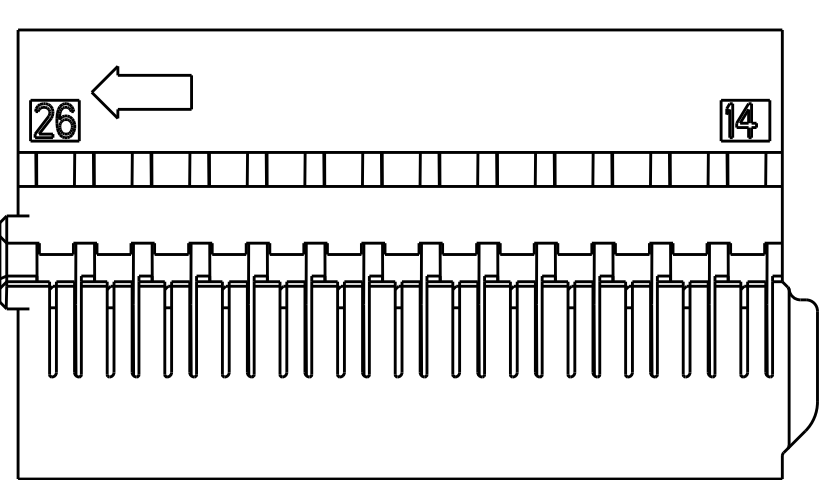
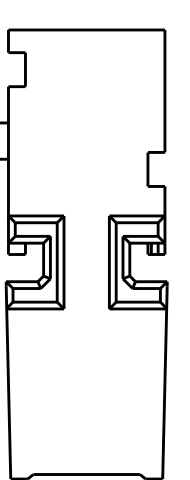
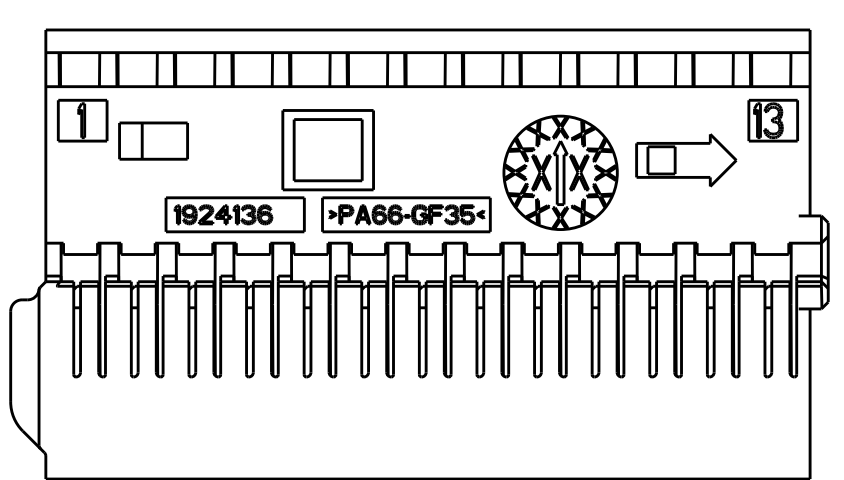
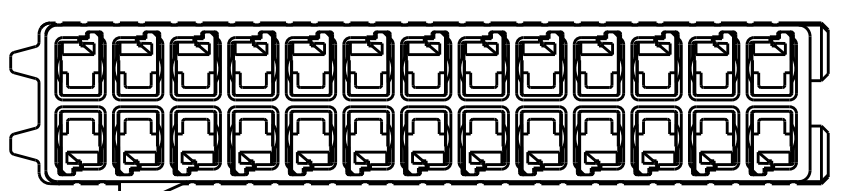
9115T-14489-PA	
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The diagram shows the rear panel of the device. On the left, there is a circular antenna. Next to it is a rectangular label with the text "4MA6-6736". To the right of this label is a barcode. Further right is another rectangular label with the text "B2444-1". On the far right, there is a large, rectangular port or connector.






APPLICABLE COMPONENTS							
DESCRIPTION	COLOR/ PLATING	AWG	FORD COMP. PART #	TE COMP. PART #	MATERIAL/ SPEC. NO.	APPLICATION SPEC. NO.	MAX. TEMP. (AMBIENT + T-RISE)
0.64mm TERMINAL	TIN	22-20	9U5T-14474-DA	1456574-1	SEE TERMINAL DWG	114-13183	125°C
0.64mm TERMINAL	TIN	18	9U5T-14474-EA	1456574-2	SEE TERMINAL DWG	114-13183	125°C

ITEM	DESCRIPTION	KEY	DIM A	COLOR/ PLATING	FORD COMP. PART#	TE COMP. PART#	MATERIAL/ SPEC. NO.	INSTRUCTION SHEET	MAX. TEMP. (AMBIENT + T-RISE)
	RECEPTACLE HOUSING	A	N/A	BLACK	905T-14488-CA	924136-3	PAGE-6735	408-10195	125°C
2A	26P LAC SHIELD	B-E	70°	GRAY	905T-14489-PA	924141-1	PAGE-6735	408-10195	125°C
2B	26P LAC SHIELD	B-E	70°	GRAY	905T-14489-PA	924141-2	PAGE-6735	408-10195	125°C
2C	26P LAC SHIELD	B-F	70°	BLUE	905T-14489-PA	924141-3	PAGE-6735	408-10195	125°C
2D	26P LAC SHIELD	B-F	70°	BLUE	905T-14489-PA	924141-4	PAGE-6735	408-10195	125°C
2E	26P LAC SHIELD	B-F	70°	BLUE	MUST-14489-LA	924141-9	PAGE-6735	408-10195	125°C



	MU5T-14489-LA
AI	FU5T-14489-VA
	9U5T-14489-SA
	9U5T-14489-RA
	9U5T-14488-CA

REFERENCE										26 POS. GENERATION Y - UNSEALED FEMALE CONN									
PART MUST COMPLY WITH MATERIAL SPECIFICATION ASS-393P999-01																			
TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT										3RD ANNUAL PROD									
COMPLIANCE WITH THE FOOD HYGIENE REGULATIONS										DIMENSIONS ARE IN MILLIMETERS									
COMPANY ENGINEERING CAD AND DRAWING																			
STANDARDS CURRENT AT INITIAL RELEASE																			
CAD TYPE					CAD LOC.					CAD FILE									
ISO - 1					924141.FORD					D									
O/F R. NO.					UNIT					DRAWING					IS MASTER				
					9UST-14489-PA														
DESIGN					DETAIL					TITLE					SHT / 1				
TE					TE					SLV WIR CONN					R/W/L N/A				
CHECKED					SAFETY					FEM									
TE					DATE					DIVISION									
SCALE					DATE					DIVISION									
3-1					04MAY2007					PLANT									
																			

NAME	LTRS	REVIEWS	
I &	ORIGINATOR	CHECKER	ENGR APP MAIL APP
	RELEASED MUST-14489-PA MUST-14489-PA, MUST-14489-VA MUST-14489-CA		
	ACILEE C: 11793996-199 () CAD: Y		
	FOLZT	IS MARTIN	--
	A) RELEASED FUST-14489-VA		
	ACILEE C: 12651800-038 DATE: 20130318		
	B) DRUMOND	C) SCHWID	A) SAMKOVICH
	RELEASED MUST-14489-VA		
	B) UPDATED REFERENCE CELL		
	B2 ADDED "DIM A"		
	ADDED "NEWS"		
	B4 WAS "A" KEY		
	ACILEE C: 12651800-589 20171110		
	C) CHETHAN C) SCHWID MSALANTA -		
	C1 WAS "EN		
	ACILEE C: 12651800-801		
	K) CHETHAN C) SCHWID ASANKOVICH	20190502	
	D) ADDED "GENERAL PART MARKING LOCATED ON EITHER SURFACE"		
	ACILEE C: 12651800-829 20190617		
	C) CHETHAN	C) SCHWID	JRIF1AW2

[illegible]



Ascend Performance Materials Operations LLC
Nylon Plastics and Polymers
3000 Chemstrand Road
Cantonment, FL 32533
Telephone: (850) 968-7000

TE CONNECTIVITY BELGIUM BVBA
C/O DSV SOLUTIONS NV
Gent, 9042
Attention: DU GARDEIN SOFIE
Container ID: 0000000000001992917

Certificate Date: 02-OCT-20
Delivery No: 0860133677
Shipped Qty: 13,227.513 Lbs
(6,000.000 Kgs)
Customer P.O. No: 4300031894

Certificate of Analysis

This certifies that the Nylon Resin shipped to you from Ascend Performance Materials Operations, LLC has been tested and found to meet the required specifications.

This material was produced under a Quality System that meets ISO 9001:2015 and IATF 16949:2016 criteria.

This Nylon Resin meets the relevant requirements of Directive 2011/65/EU ("RoHS 2 Directive") including all amendments through Directive 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment and Directive 2012/19/EU on waste electrical and electronic equipment ("WEEE Directive").

If you have questions or concerns about this Certificate of Analysis, please contact Ascend Performance Materials Customer Operations at 1-888-927-2363.

Mechanical properties (Strength@Break) are measured in "dried as molded state".

Material Type: VYDYNE R535J BK0678 **Material No:** 10417410 **Batch No** IB19TB10 **Date of Mfg** 19-FEB-2020

Ascend Performance Materials Operations LLC Specification

Lot Data

<u>Property</u>	<u>Test Method</u>	<u>Min</u>	<u>Max</u>	<u>Result</u>	<u>Units</u>
Moisture	ASTM D6980		0.15	0.07	%
Ash	ISO 3451-1	33.00	37.00	34.79	%
VISCOSITY NUM. SULFURIC	ISO 307	100.0	130.0	123.9	ml/g
Tensile @ Brk.	ISO 527-1,2 / 1A	190		196	MPa

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All information contained in this letter is provided for informational purposes only and is not meant to alter or waive the appropriate contractual product specifications. Moisture values are representative of the product at the time it was sampled. If numerical flame spread ratings appear herein, they are not intended to reflect the hazards presented by this or any other material under actual fire conditions. Each end user should determine whether potential fire hazards are associated with the finished product, and whether this resin is suitable for the particular end use.

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