

211401-1 Product Details



211401-1

TE Internal Number: 211401-1



CPC (Circular Plastic) and Circular Metal-Shell Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Housing
- Connector Style = Receptacle
- 7 Positions
- 7 Signal Positions
- 0 Power Positions

Documentation & Additional Information

Product Drawings:

- [RECEPTACLE HOUSING, STANDARD SEX, 13-7, CPC](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMP Circular Connectors for Commercial Signal & Powe...](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [Circular Plastic Connectors \(CPC\)](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version H)
- [3D Model](#) (IGES, Version H)
- [3D Model](#) (STEP, Version H)

Additional Product Images:

- [Contact Arrangement](#)
- [Keying Options](#)

Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Connector Type = Housing
- Mount Angle = Straight
- Shell Size = 13
- PCB Mount Retention = Without
- Shell Type = All Plastic
- Product Series = Series 1
- Thread Size = 3/4 - 20 UNEF-2A
- Sealed = No

Mechanical Attachment:

- Mount = Panel
- Mating Retention Type = Threaded Coupling

Body Features:

- Mount Style = Flange with Mounting Holes

Contact Features:

- Contact Type = Pin
- Reverse Gender = Standard

Housing Features:

- Connector Style = Receptacle
- Mating Alignment Type = Keyed
- Housing Material = Thermoplastic - GF
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Positions = 7
- Number of Signal Positions = 7
- Number of Power Positions = 0
- Environmental Protection = Without
- Reverse Numbering = Without

Industry Standards:

- VDE Tested = Yes
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Identification Marking:

- Keying = A

Environmental:

- Fluid Resistance = None

Conditions for Usage:

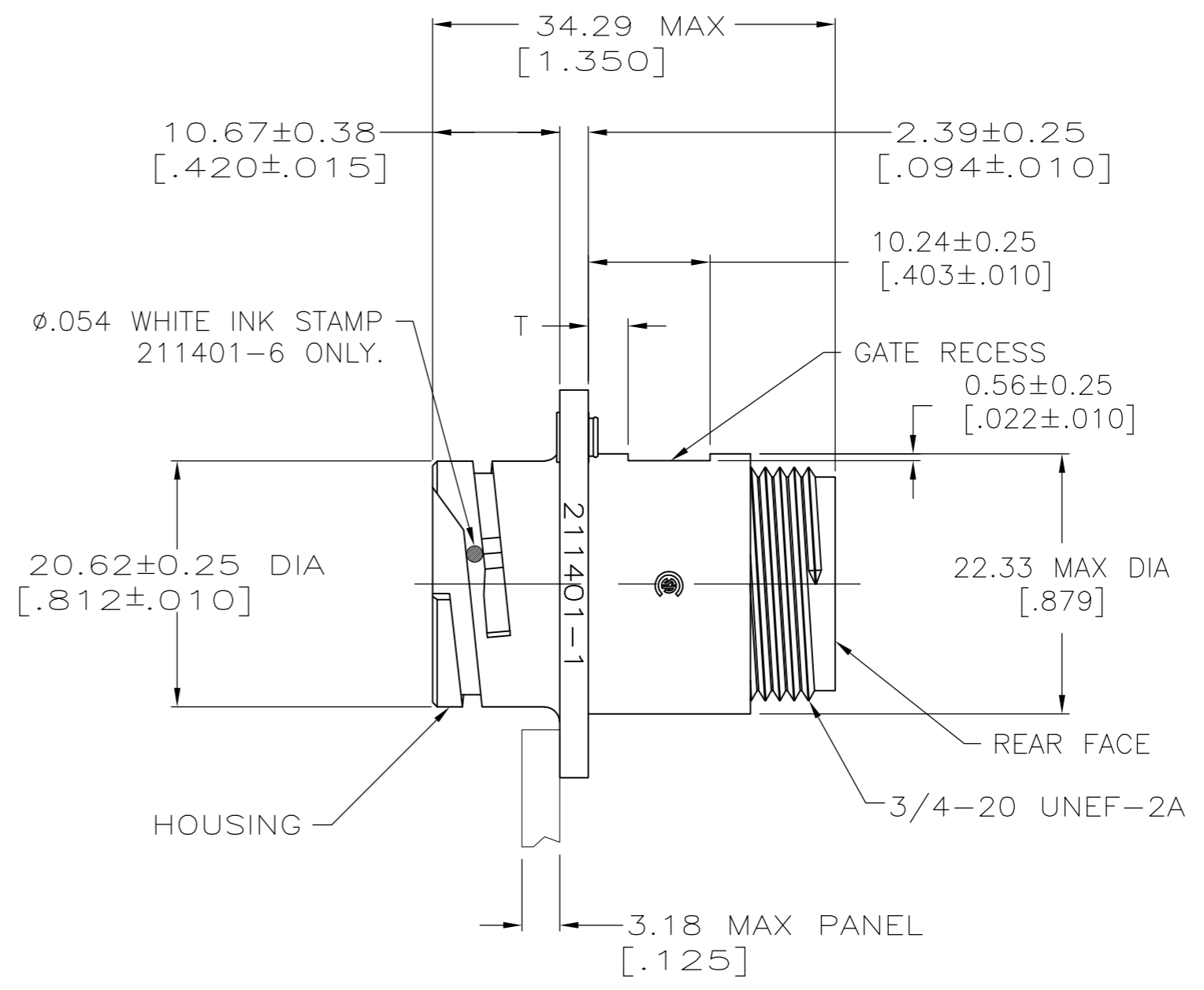
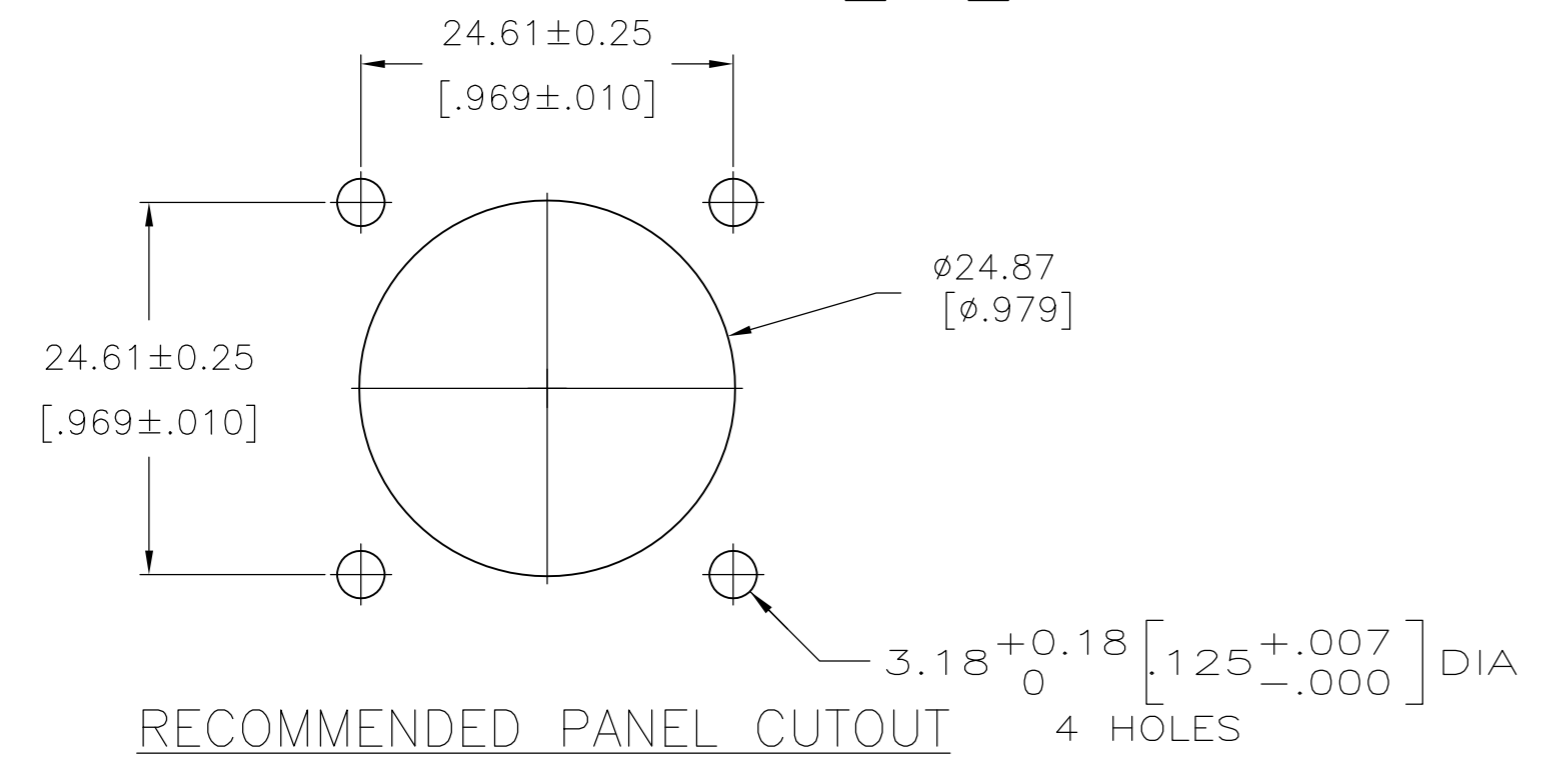
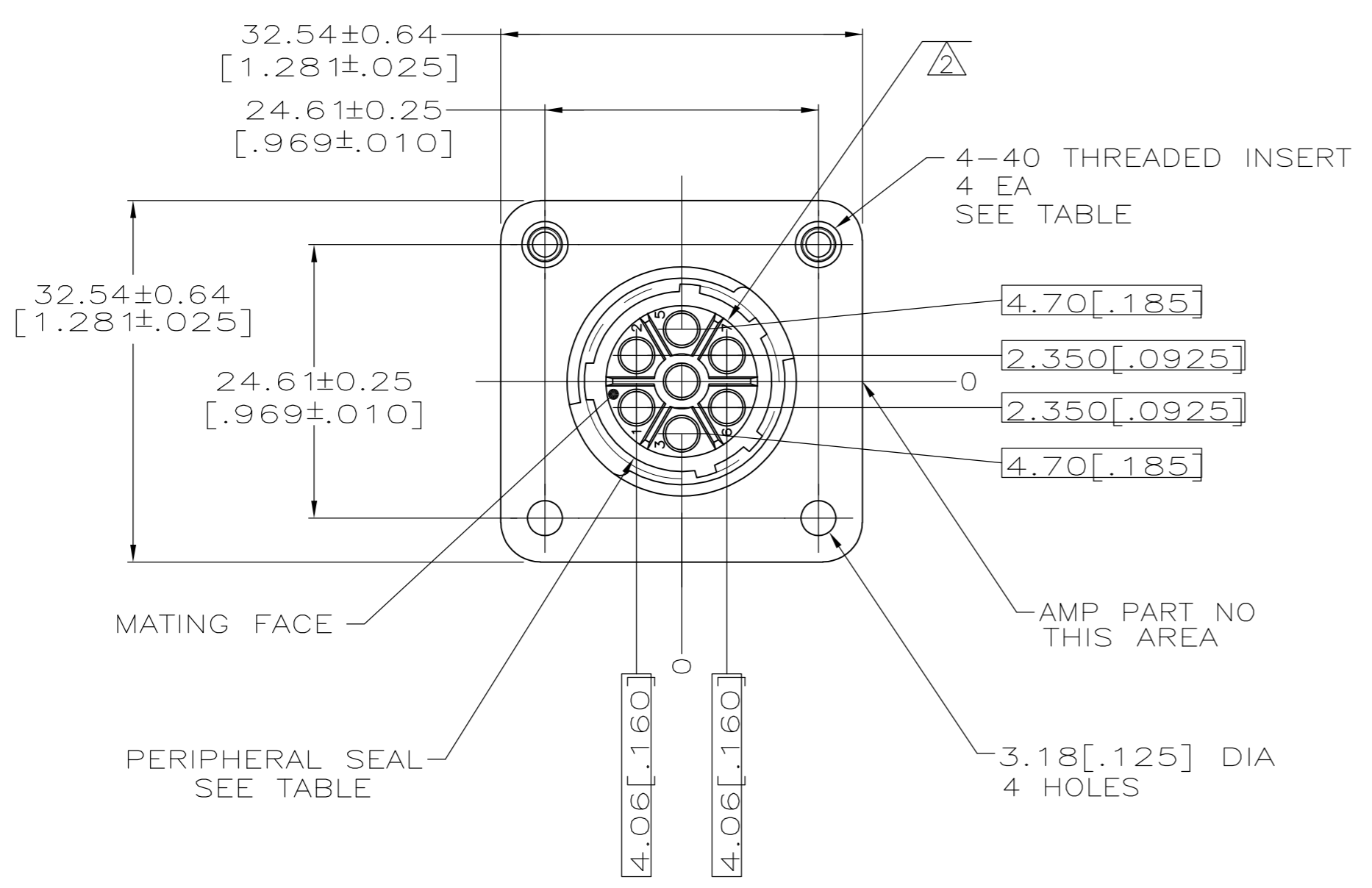
- Accepts Wire Insulation Diameter, Range (mm [in]) = 3.81 [0.150]

Other:

- Brand = AMP

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0	H1	REVISED PER ECO-11-004587	11MAR11	RK HMR



3.35±0.25 [.132±.010]	NO	NO	3.81 [.150]	211401-8
1.83±0.25 [.072±.010]	NO	NO	3.81 [.150]	211401-6
1.83±0.25 [.072±.010]	YES	NO	2.54 [.100]	211401-5
1.83±0.25 [.072±.010]	YES	NO	3.81 [.150]	211401-4
1.83±0.25 [.072±.010]	NO	YES	3.81 [.150]	211401-3
1.83±0.25 [.072±.010]	NO	NO	2.54 [.100]	211401-2
1.83±0.25 [.072±.010]	NO	NO	3.81 [.150]	211401-1
T	4-40 THREADED INSERTS	PERIPHERAL SEAL	MAX WIRE INSULATION DIA	PART NUMBER

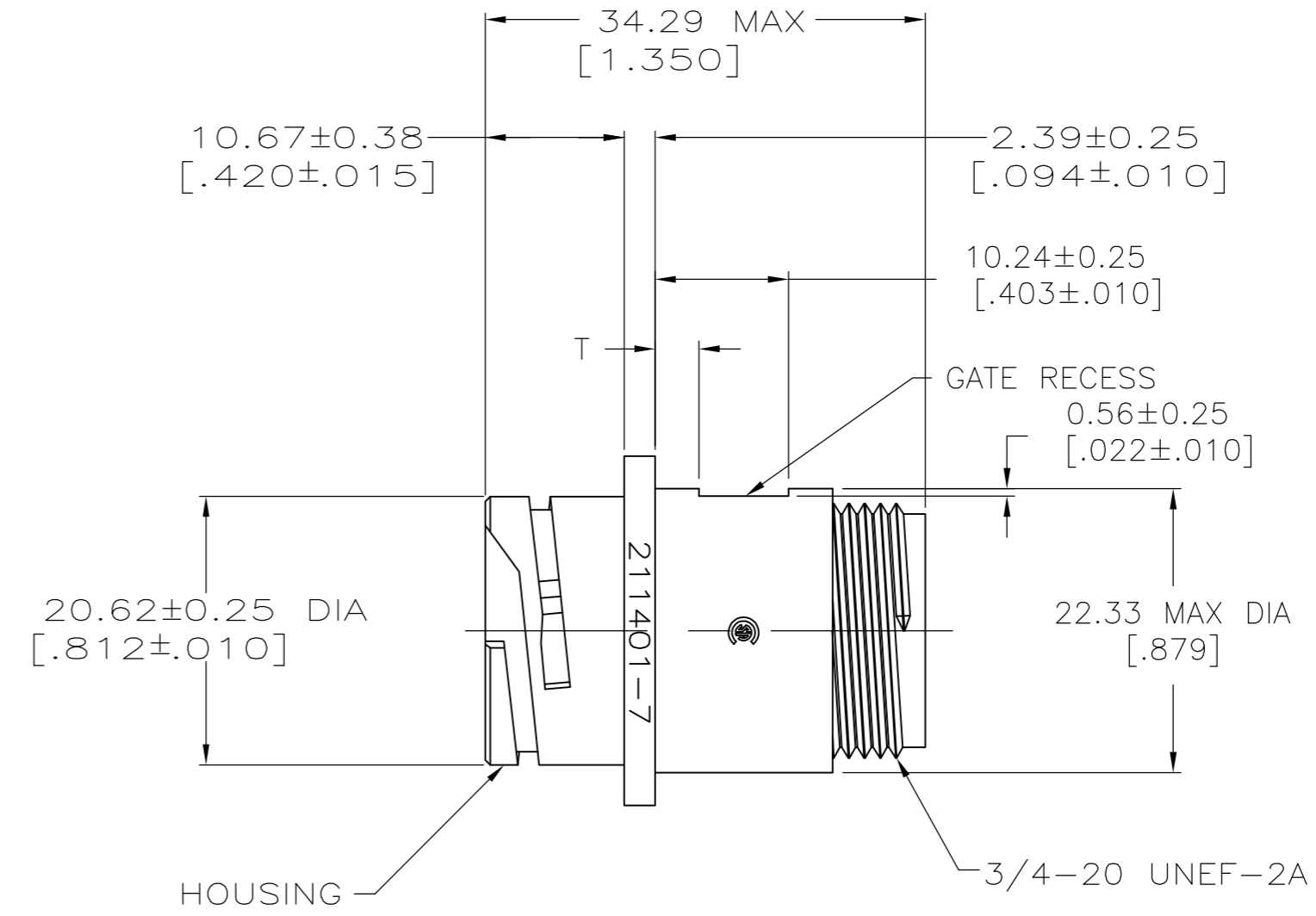
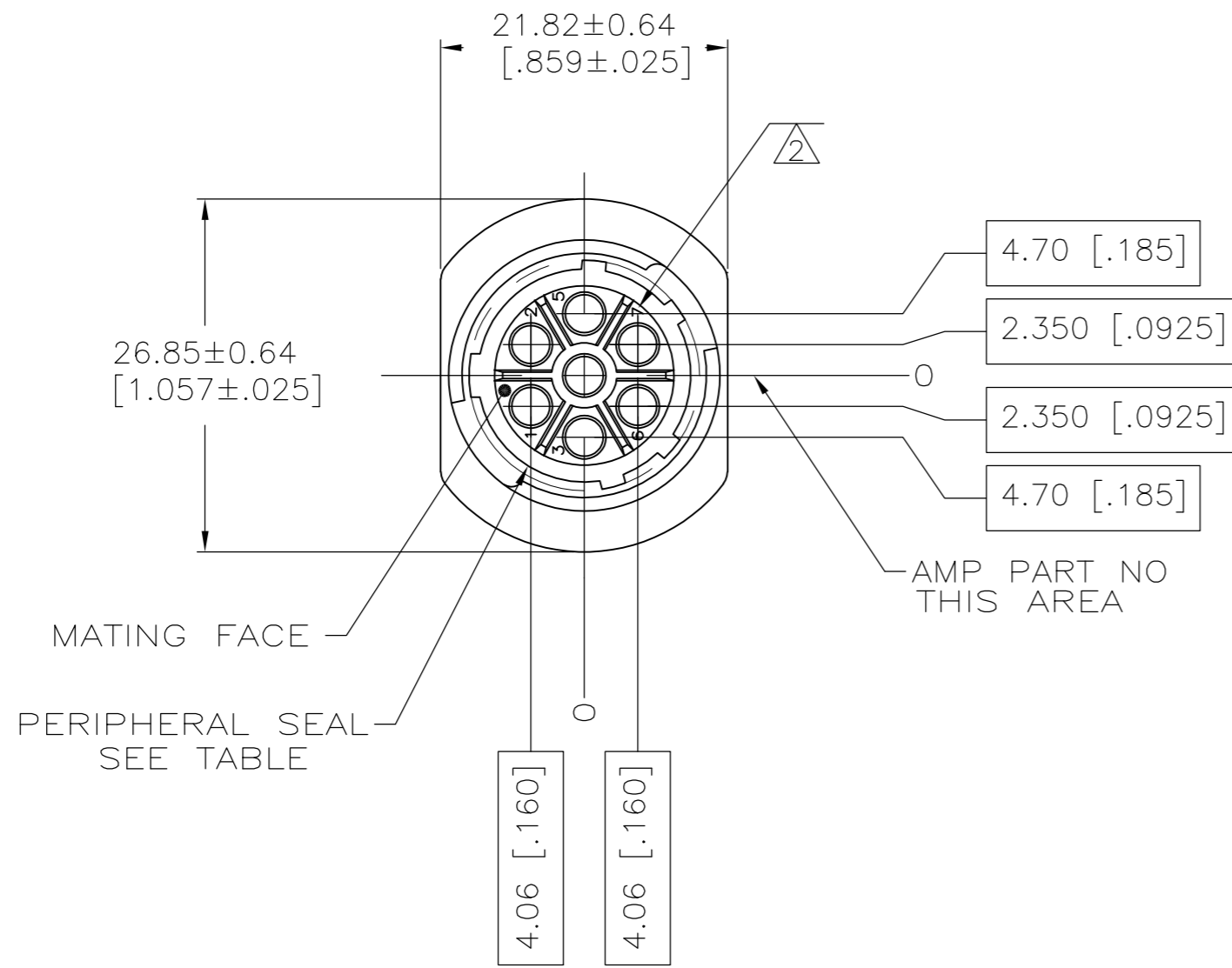
- ① HOUSING: THERMOPLASTIC, BLACK.
 PERIPHERAL SEAL: ELASTOMER, GRAY.
 THREADED INSERTS: BRASS.
- ② CAVITY IDENTIFICATION ON FRONT AND REAR FACE.
- 3. WILL ACCEPT SEVEN (7) MULTIMATE PIN CONTACTS.
- 4. .0050MAX FLASH PERMITTED IN THE AREA OF DIMENSION T, .020 MAX FLASH PERMITTED ON MATING FACE SIDE AND .025 MAX FLASH PERMITTED ON REAR FACE SIDE.
- ⑤ PRELIMINARY PART NUMBER.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN D.HARDY 08-01-94	CHK R.STONE 08-10-94		
0 PLC ± -	1 PLC ± -	APVD -	PRODUCT SPEC -	NAME	
2 PLC ± 0.13 [.005]	3 PLC ± -	APPLICATION SPEC -	WEIGHT -	SIZE A2	CAGE CODE 00779
4 PLC ± -	ANGLES ± -	FINISH -	CUSTOMER DRAWING	DRAWING NO C=211401	RESTRICTED TO -
SCALE 2:1			SHEET 1 of 2		REV H1

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-		



- ① HOUSING: THERMOPLASTIC, BLACK.
PERIPHERAL SEAL: ELASTOMER, GRAY.
THREADED INSERTS: BRASS.
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- 3. WILL ACCEPT SEVEN (7) MULTIMATE PIN CONTACTS.
- 4. .005 MAX FLASH PERMITTED IN THE AREA OF DIMENSION T, .020 MAX FLASH PERMITTED ON MATING FACE SIDE AND .025 MAX FLASH PERMITTED ON REAR FACE SIDE.

1.83±0.25 [.072±.010]	NO	2.54 [.100]	211401-7
T	PERIPHERAL SEAL	MAX WIRE INSULATION DIA	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D.HARDY 08-01-94	STE TE Connectivity	
		CHK R.STONE 08-10-94		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		RECEPTACLE HOUSING, STANDARD SEX, 13-7, CPC
0 PLC ± -		1 PLC ± -		
2 PLC ± 0.13 [.005]		3 PLC ± -		
3 PLC ± -		4 PLC ± -		
MATERIAL - ①		FINISH -		SIZE A2
		WEIGHT -		CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C=211401
		SCALE 2:1		SHEET 2 OF 2
				REV H1