

4

3

2

1

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE PER ECR-20-000419	09JAN2020	DFS	DFS

MATING END

25.85±0.50

4.75±0.50

SOLDER TAIL END

DISPENSED SEALANT

TERMINAL 2X

SECTION A-A

HEADER HOUSING

Ø25.40±1.00

NOTES:

- MATERIAL:  
 HEADER HOUSING: NYLON GF30%  
 COLOR: BLACK  
 TERMINALS: COPPER ALLOY  
 MATING END PLATING: GOLD OVER NICKEL  
 SOLDER TAIL END PLATING: TIN OVER NICKEL  
 DISPENSED SEALANT: SILICONE
- REFERENCE TO DRAWING 2295114 FOR CONNECTOR INTERFACE DIMENSIONS.
- OPERATING TEMPERATURE; -40 TO +125°C

△4. THIS PART MATES WITH 2-WAY PLUG, P/N 2292906-1/2. SEE SHEET 2 FOR KEYING ARRANGEMENTS.

△5. NOTE DELETED

△6. NOT TOOLED FOR PRODUCTION.

ISOMETRIC VIEWS SHOWN FOR REFERENCE ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 28MAR2018 RAGHAV SATISH		
DIMENSIONS: mm		CHK 28MAR2018 D.F. STACK		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 6JAN2020 D. KLEIN	NAME 2POS ETHERNET HDR, 180 DEG, SLDR	
0 PLC ±-		PRODUCT SPEC 108-151045	enetSEAL+	
1 PLC ±-		APPLICATION SPEC 114-151045	SIZE A3	CAGE CODE -
2 PLC ±-		WEIGHT -	DRAWING NO C-2325103-C	RESTRICTED TO -
3 PLC ±-		CUSTOMER DRAWING	SCALE 2:1	SHEET 1 OF 7
4 PLC ±-				REV A
ANGLES ±-				
FINISH -				
MATERIAL SEE NOTE 1				
-				

1470-19 (3/13)

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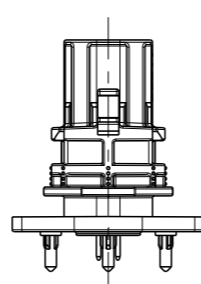
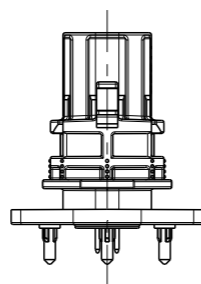
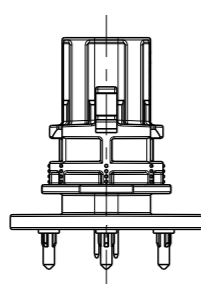
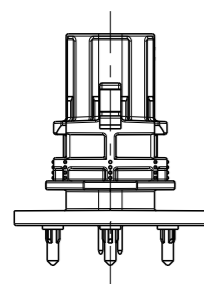
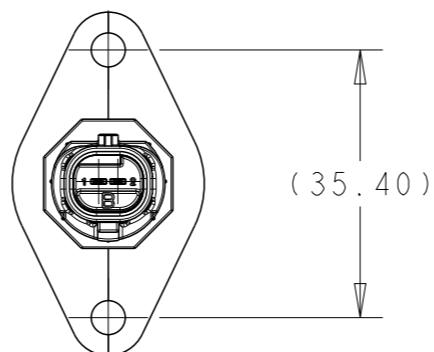
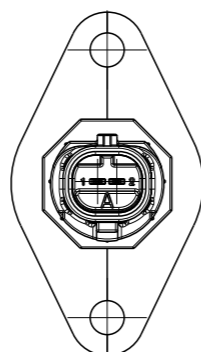
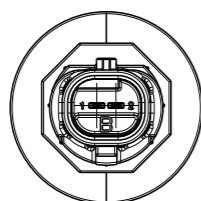
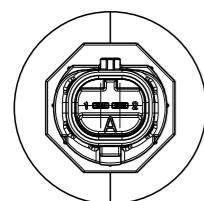
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P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



2325103-1  
AS SHOWN  
KEY CODE A

2325103-2  
AS SHOWN  
KEY CODE B



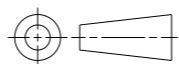
2325103-7  
AS SHOWN  
KEY CODE A

2325103-8  
AS SHOWN  
KEY CODE B



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DIMENSIONS:  
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

- 0 PLC ±-
- 1 PLC ±-
- 2 PLC ±-
- 3 PLC ±-
- 4 PLC ±-
- ANGLES ±-
- FINISH -

MATERIAL  
SEE NOTE 1

DWN 28MAR2018  
RAGHAV SATISH

CHK 28MAR2018  
D.F. STACK

APVD 6JAN2020  
D. KLEIN

PRODUCT SPEC  
108-151045

APPLICATION SPEC  
114-151045

WEIGHT -

CUSTOMER DRAWING



TE Connectivity

NAME  
2POS ETHERNET HDR, 180 DEG, SLDLDR  
enetSEAL+

SIZE A3	CAGE CODE -	DRAWING NO C-2325103-C	RESTRICTED TO -
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SCALE 2:1 SHEET 2 OF 7 REV A

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

ADDITIONAL NOTES REGARDING PANEL AND PCB FITMENT:

10. RECOMMENDED KEEP OUT REGION TO ENSURE PROPER ASSEMBLY WITH MATING PLUG. THE GEOMETRY SHOWN FOR THE KEEP OUT REGION IS ONLY NECESSARY IF THE DISTANCE FROM THE OUTSIDE SURFACE OF THE ENCLOSURE TO THE HEADER BOTTOMING SURFACE/SURFACES EXCEEDS 11.5MM.

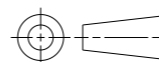
11. HOLES ONLY NECESSARY FOR 2325103-7/8 VARIANTS.

12. REMOVE SHARP EDGES. R0.5MM MAX.

13. X BASIC AND Y BASIC TO BE DEFINED BY CUSTOMER.

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DIMENSIONS:  
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±-
1 PLC	±-
2 PLC	±-
3 PLC	±-
4 PLC	±-
ANGLES	±-

MATERIAL  
SEE NOTE 1

FINISH  
-

DWN 28MAR2018  
RAGHAV SATISH

CHK 28MAR2018  
D.F. STACK

APVD 6JAN2020  
D. KLEIN

PRODUCT SPEC  
108-151045

APPLICATION SPEC  
114-151045

WEIGHT  
-

CUSTOMER DRAWING



TE Connectivity

NAME  
2POS ETHERNET HDR, 180 DEG, SLDR  
enetSEAL+

SIZE A3	CAGE CODE -	DRAWING NO C-2325103-C	RESTRICTED TO -
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SCALE 2:1 SHEET 3 OF 7 REV A

4

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RECOMMENDED ENCLOSURE GEOMETRY FOR ASSEMBLIES  
2325103-1 AND 2325103-2

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

4X 17.30

Ø25.90±0.10

Ø22.20  
(PITCH DIAMETER FOR CENTER OF GROOVE PATH)

8X R0.50

CENTER AXIS OF B

0.1 A B C

X BASIC 13

11.50  
2.00

OUTSIDE SURFACE OF ENCLOSURE

HEADER BOTTOMING SURFACE

SEE DETAIL A

PCB BOTTOMING SURFACE

SECTION A-A

2X 10  
R6.00±0.50

10 14.00±0.50

Ø OF B

2.40±0.05

55.00°

Ø OF GROOVE PROFILE

Ø1.86

2X R0.60

0.35

55.00°


P1

P2

0.1 A B C

P1↔P2

DETAIL A  
SCALE 5:1

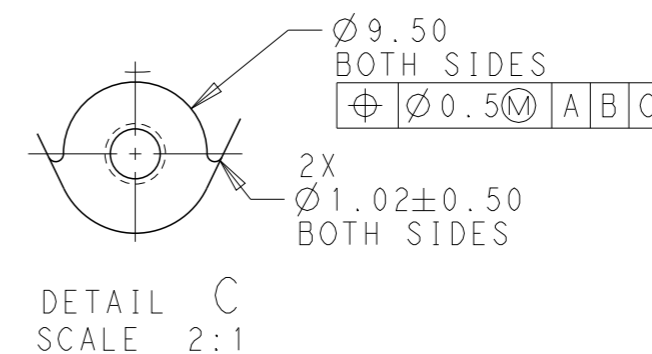
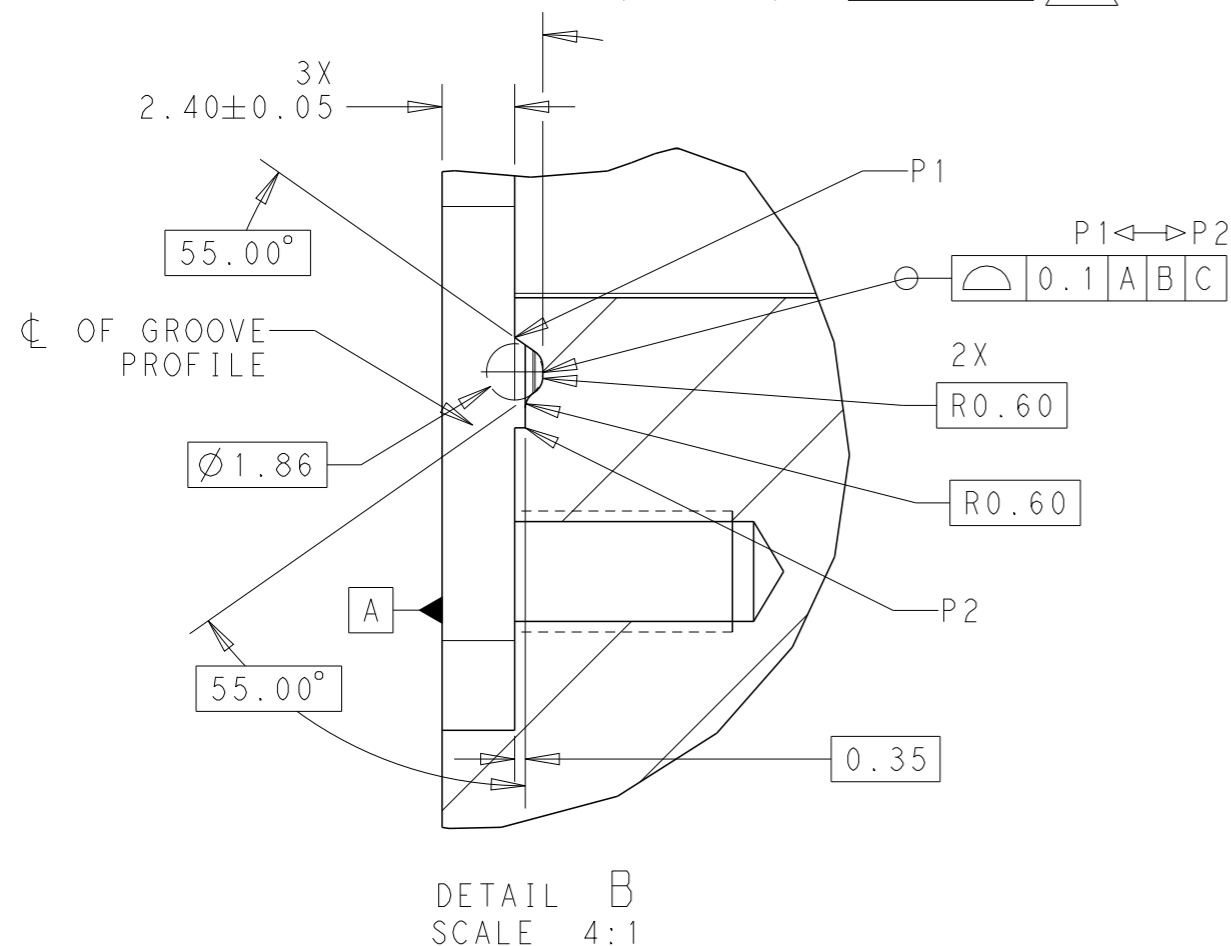
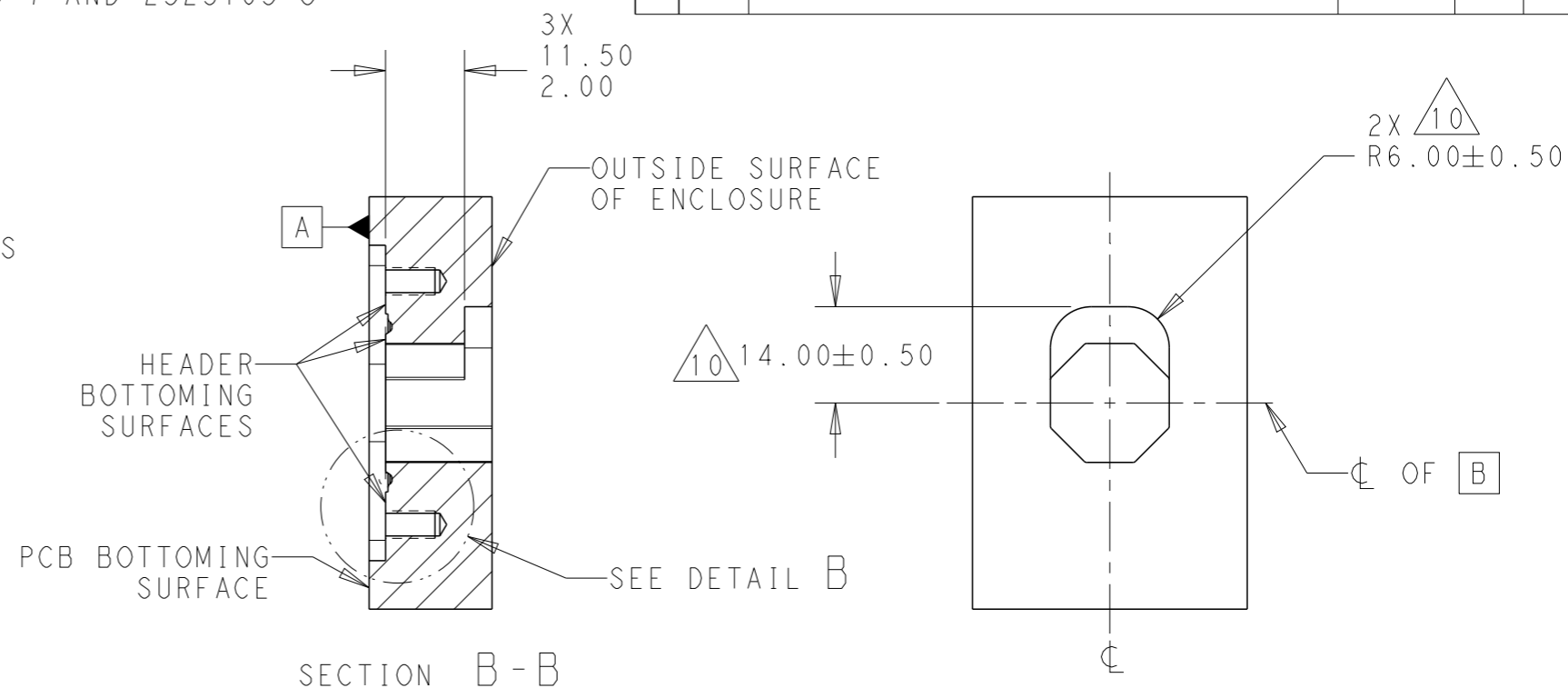
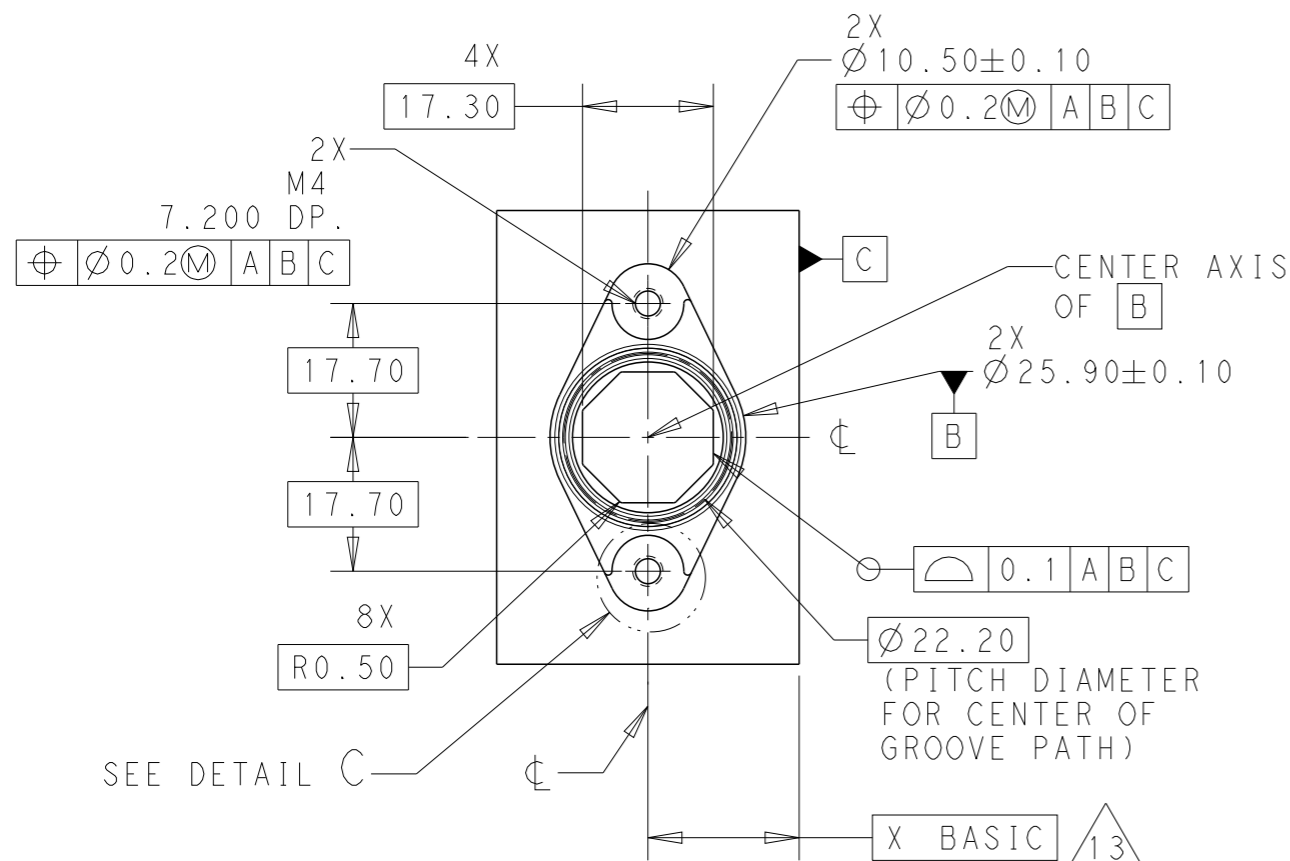
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 28MAR2018 RAGHAV SATISH	 TE Connectivity	
DIMENSIONS: mm		CHK 28MAR2018 D.F. STACK		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 6JAN2020 D. KLEIN	NAME 2POS ETHERNET HDR, 180 DEG, SLDR	
0 PLC ±-		PRODUCT SPEC 108-151045	enetSEAL+	
1 PLC ±-		APPLICATION SPEC 114-151045	SIZE A3	CAGE CODE -
2 PLC ±-		WEIGHT -	DRAWING NO C=2325103-C	RESTRICTED TO -
3 PLC ±-		CUSTOMER DRAWING	SCALE 2:1	SHEET 4 OF 7
4 PLC ±-				REV A
ANGLES ±-				
FINISH -				
MATERIAL SEE NOTE 1				

1470-19 (3/13)

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P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

RECOMMENDED ENCLOSURE GEOMETRY FOR ASSEMBLIES  
2325103-7 AND 2325103-8



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		CHK 28MAR2018 D.F. STACK		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 6JAN2020 D. KLEIN	NAME 2POS ETHERNET HDR, 180 DEG, SLDR	
	0 PLC ±-	PRODUCT SPEC 108-151045	enetSEAL+	
	1 PLC ±-	APPLICATION SPEC 114-151045	SIZE A3	RESTRICTED TO -
MATERIAL SEE NOTE 1	FINISH -	WEIGHT -	CAGE CODE -	DRAWING NO C=2325103-C
		CUSTOMER DRAWING	SCALE 2:1	SHEET 5 OF 7
				REV A

4

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-	-	SEE SHEET 1	-	-	-

2.54

2X  $\varnothing 1.10 \pm 0.05$   
 $\oplus \varnothing 0.1 \text{ (M) B C}$

3X  $\varnothing 2.20 \pm 0.05$   
 $\oplus \varnothing 0.1 \text{ (M) B C}$

2X  $\varnothing 4.50 \pm 0.10$   
 $\oplus \varnothing 0.2 \text{ (M) B C}$   $\triangle 11$

$\varnothing 17.55$

35.40

0.30

Y BASIC

B

C

$\triangle 13$   
X BASIC

120°

120°

SCALE 2:1

RECOMMENDED PCB LAYOUT

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 DIMENSIONS:  
mm


MATERIAL  
SEE NOTE 1
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC  $\pm$   
 1 PLC  $\pm$   
 2 PLC  $\pm$   
 3 PLC  $\pm$   
 4 PLC  $\pm$   
 ANGLES  $\pm$   
 FINISH -

DWN 28MAR2018

RAGHAV SATISH

CHK 28MAR2018

D.F. STACK

APVD 6JAN2020

D. KLEIN

PRODUCT SPEC

108-151045

APPLICATION SPEC

114-151045

WEIGHT -

CUSTOMER DRAWING

NAME

2POS ETHERNET HDR, 180 DEG, SLDR

enetSEAL+

SIZE

A3

CAGE CODE

-

DRAWING NO

C-2325103-C

RESTRICTED TO

-

SCALE 2:1

SHEET 6 OF 7

REV A

2325103-1/2

PCB

SCALE 3:2

2325103-7/8

PCB

SCALE 3:2

1470-19 (3/13)

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

RECOMMENDED (OPTIONAL) STAKE GEOMETRY FOR SECURING HEADER TO PCB

(1.57)

( $\varnothing 3.27$ )

(0.85)

SCALE 10:1

( $\varnothing 2.20$ )


SECTION A - A

POSTS TO BE STAKED

HEADER ASSEMBLY

PCB

ISOMETRIC VIEW SHOWN FOR REFERENCE ONLY

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DIMENSIONS: mm		CHK D.F. STACK 28MAR2018		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. KLEIN 6JAN2020	NAME 2POS ETHERNET HDR, 180 DEG, SLD R	
0 PLC ±-		PRODUCT SPEC 108-151045	enetSEAL+	
1 PLC ±-		APPLICATION SPEC 114-151045	SIZE A3	CAGE CODE -
2 PLC ±-		WEIGHT -	DRAWING NO C-2325103-C	RESTRICTED TO -
3 PLC ±-		CUSTOMER DRAWING	SCALE 2:1	SHEET 7 OF 7
4 PLC ±-				REV A
ANGLES ±-				
FINISH -				
MATERIAL SEE NOTE 1				

1470-19 (3/13)