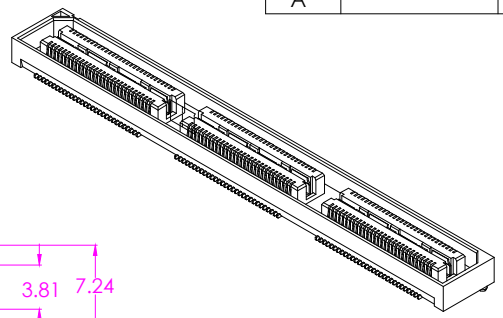
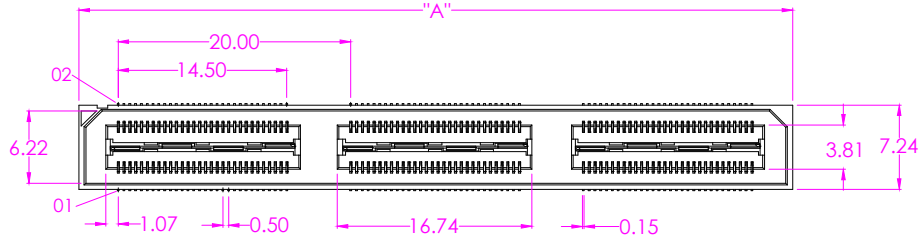
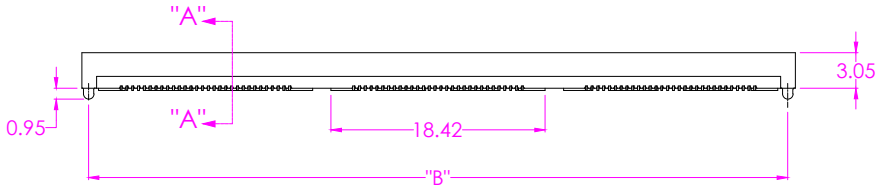
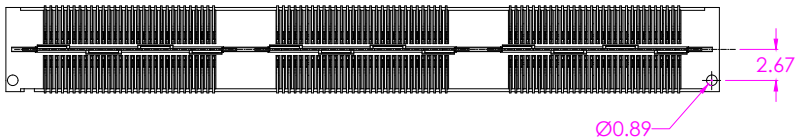
RoHS Compliant

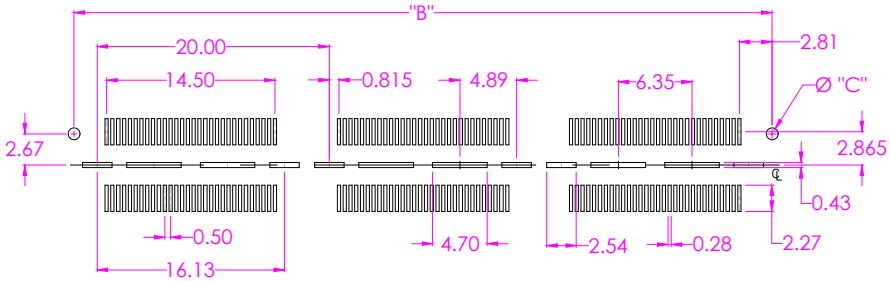
REV.	ECN NO	LTR	DESCRIPTION	REVISER	DATE
A			Initial release.	LIU	2020.10.10

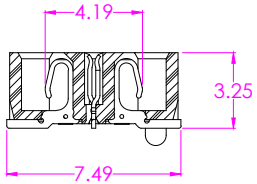












SECTION "A"-"A"
SCALE 2:1

NOTES:
1:RETENTION FORCE:
CONTACT RETENTION: 8oz MINIMUM;
GROUND PLANE RETENTION: 8oz MINIMUM;
2:BURR ALLOWANCE:0.04 MAXIMUM;
3:COPLANARITY:
-30 THUR -60POSITIONS:0.10MM
-90 THUR -150 POSITIONS:0.15MM;
4:CURRENT RATING:
CONTACT: 2A PER PINS (2 PINS POWERED);
GROUND PLANCE: 25A PER GROUND PLANE
(1 GROUND PLANE POWERED);
5:OPERATING TEMP RATING: -55°C TO +125°C;
6:VOITAGE RATING: 175 VAC (5MM STACK HENGHT);
7:INSULATOR MATERIAL: LCP. UL94V-0,BLACK;
8:CONTACT MATERIAL: PHOSPHOR BRONZE;
9:PLATING: SEE ORDERING INFORMATION.

TABLE 1		
POSITION	DIM. "A"	DIM. "B"
-030	21.31	20.13
-060	41.31	40.13
-090	61.38	60.13
-120	81.38	80.14
-150	101.37	100.14

RECOMMENDED PCB LAYOUT
TOLERANCES:±0.05MM
STENCIL TO BE 0.152MM THICKNESS

TABLE 2	
OPTION	DIM. Ø "C"
-SM1	1.02
-SM2	1.19

TOLERANCE UNSPECIFIED	
Dimension	Angle
. ±0.5	±2°
.X ±0.3	
.XX ±0.13	
.XXX ±0.05	

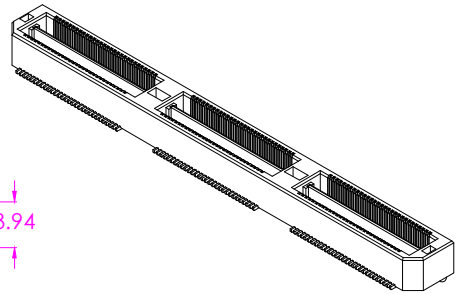
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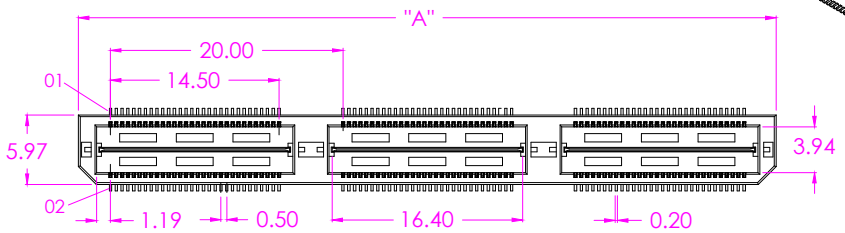
DESCRIPTION:
0.5MM DOUBLE ROW HS SOCKET ASSEMBLY

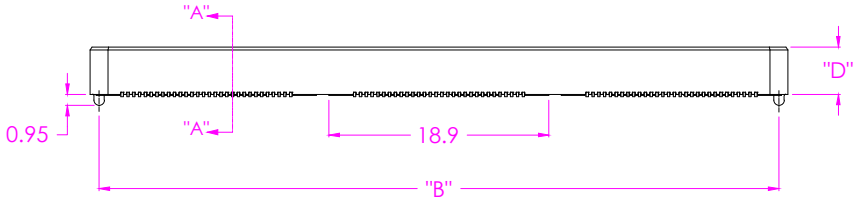
DRAWN BY:	LIU	SIZE: A4	UNIT: MM	PART No.:5001-QSH0532-**FR-00-B
CHECKED BY:	ZHOU	SCALE: 1:1	PROJECTION:	REV: A
APPROVED BY:	HUANG	Email:	WWW.JMECONN.COM	SHEET: 1/1

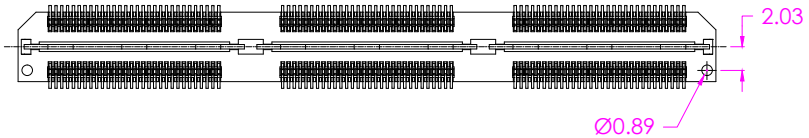
RoHS Compliant

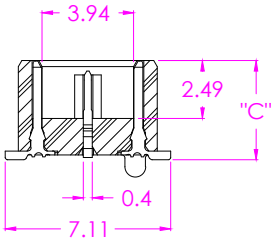
REV.	ECN NO	LTR	DESCRIPTION	REVISER	DATE
A			Initial release.	LIU	2020.12.20











SECTION "A"-"A"
SCALE 2:1

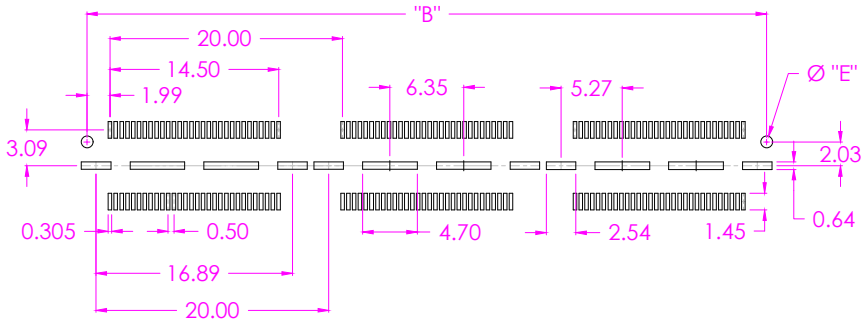


TABLE 1		
POSITION	DIM. "A"	DIM. "B"
-030	20.00	18.48
-060	40.01	38.48
-090	60.01	58.48
-120	80.01	78.49
-150	100.01	98.49

TABLE 2		
STYLE	DIM. "C"	DIM. "D"
-01	4.27	4.06
-02	7.27	7.06

NOTES:
1:RETENTION FORCE:
CONTACT RETENTION: 6oz MINIMUM;
GROUND PLANE RETENTION: 1LB MINIMUM;
2:BURR ALLOWANCE:0.04 MAXIMUM;
3:COPLANARITY:
-30 THUR -60 POSITIONS:0.10MM
-90 THUR -150 POSITIONS:0.15MM;
4:CURRENT RATING:
CONTACT: 2A PER PINS (2 PINS POWERED);
GROUND PLANCE: 25A PER GROUND PLANE
(1 GROUND PLANE POWERED);
5:OPERATING TEMP RATING: -55°C TO +125°C;
6:VOITAGE RATING: 175 VAC (5MM STACK HENGHT);
7:INSULATOR MATERIAL: LCP. UL94V-0,BLACK;
8:CONTACT MATERIAL: PHOSPHOR BRONZE;
9:PLATING: SEE ORDERING INFORMATION.

TABLE 3	
OPTION	DIM. Ø "E"
-SM1	1.02
-SM2	1.19

RECOMMENDED PCB LAYOUT
TOLERANCES:±0.05MM
STENCIL TO BE 0.152MM THICKNESS

TOLERANCE UNSPECIFIED		
Dimension		Angle
.	±0.5	±2°
.X	±0.3	
.XX	±0.13	
.XXX	±0.05	

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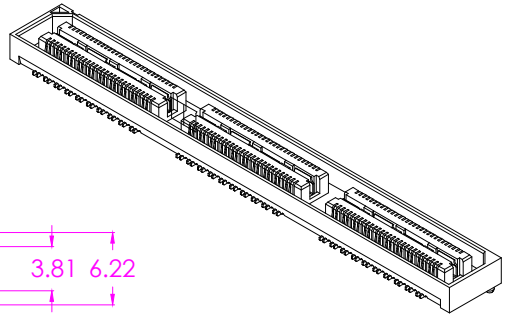
DESCRIPTION:
0.5MM DOUBLE ROW HS TERMINAL ASSEMBLY

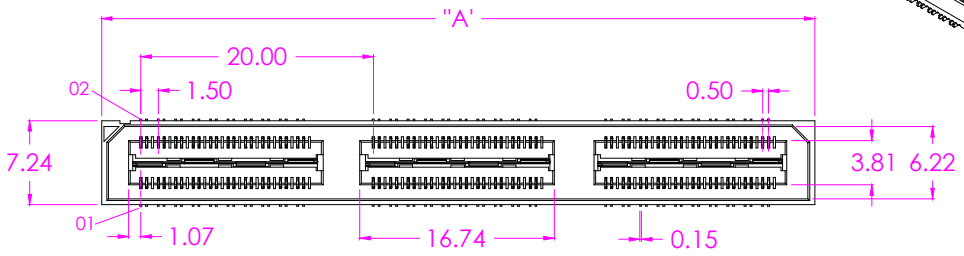
DRAWN BY:	LIU	SIZE: A4	UNIT: MM	PART No.:5001-QTH0542-**MR-00-B
CHECKED BY:	ZHOU	SCALE: 1:1	PROJECTION:	REV: A
APPROVED BY:	HUANG	Email:	WWW.JMECONN.COM	SHEET: 1/1

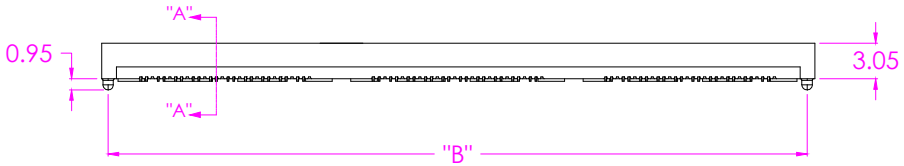
RoHS Compliant

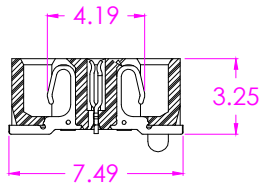
DIFFERENTIAL PAIRS

REV.	ECN NO	LTR	DESCRIPTION	REVISER	DATE
A			Initial release.	LIU	2020.12.29









SECTION "A"-"A"
SCALE 2:1

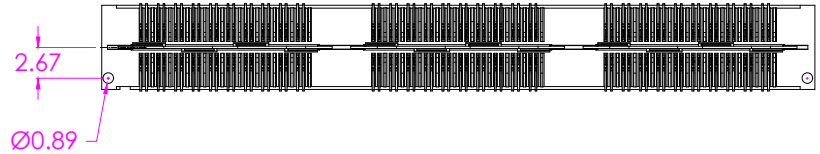
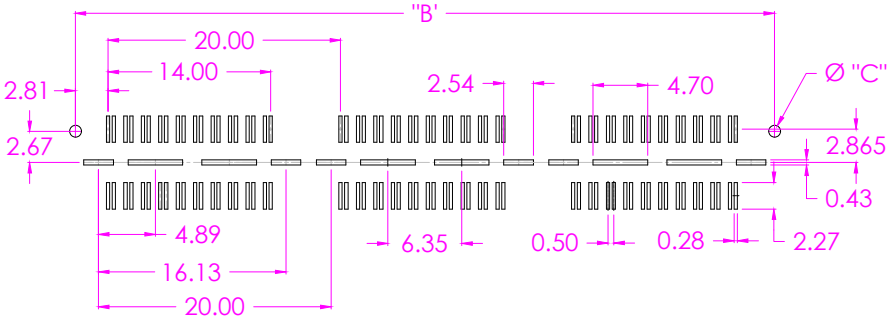


TABLE 1		
POSITION	DIM. "A"	DIM. "B"
-20	21.31	20.13
-40	41.31	40.13
-60	61.38	60.13
-80	81.38	80.14
-100	101.37	100.14

TABLE 2	
OPTION	DIM. Ø "C"
-SM1	1.02
-SM2	1.19

NOTES:
1:RETENTION FORCE:
CONTACT RETENTION: 5oz MINIMUM;
GROUND PLANE RETENTION: 1LB MINIMUM;
2:BURR ALLOWANCE:0.04 MAXIMUM;
3:COPLANARITY:
-20 THUR -60 POSITIONS:0.10MM
-80 THUR -100 POSITIONS:0.15MM;
4:CURRENT RATING:
CONTACT: 2A PER PINS (2 PINS POWERED);
GROUND PLANCE: 23A PER GROUND PLANE
(1 GROUND PLANE POWERED);
5:OPERATING TEMP RATING: -55°C TO +125°C;
6:VOITAGE RATING: 225 VAC (5MM STACK HENGHT);
7:INSULATOR MATERIAL: LCP. UL94V-0,BLACK;
8:CONTACT MATERIAL: PHOSPHOR BRONZE;
9:PLATING: SEE ORDERING INFORMATION.



RECOMMENDED PCB LAYOUT
TOLERANCES:±0.05MM
STENCIL TO BE 0.152MM THICKNESS

TOLERANCE UNSPECIFIED	
Dimension	Angle
. ±0.5	±2°
.X ±0.3	
.XX ±0.13	
.XXX ±0.05	

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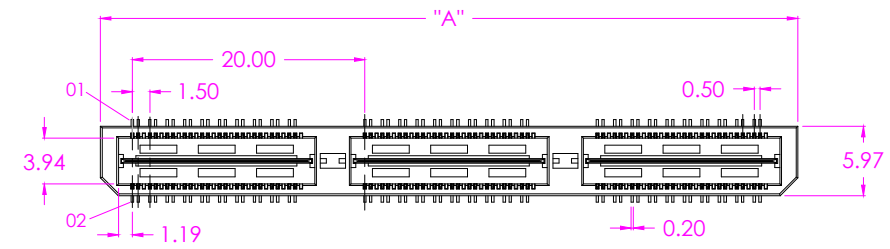
DESCRIPTION:
0.5MM DIFFERENTIAL PAIRS HS SOCKET ASSEMBLY

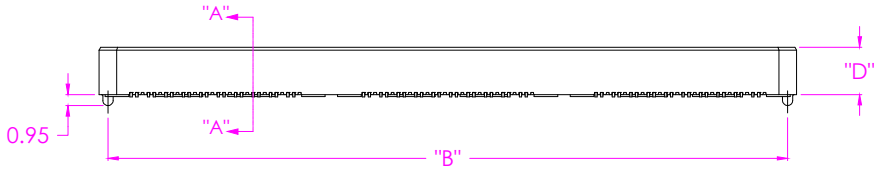
DRAWN BY:	LIU	SIZE: A4	UNIT: MM	PART No.:5001-QSH0532-**FR-00-B
CHECKED BY:	ZHOU	SCALE: 1:1	PROJECTION:	REV: A
APPROVED BY:	HUANG	Email:	WWW.JMECONN.COM	SHEET: 1/1

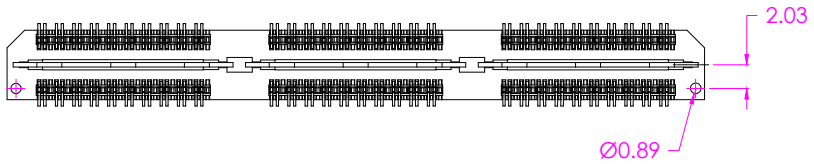
RoHS Compliant

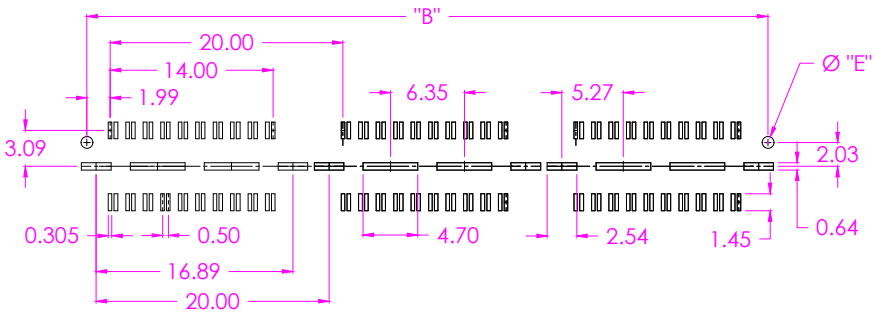
DIFFERENTIAL PAIRS

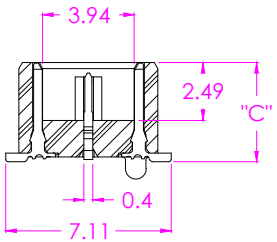
REV.	ECN NO	LTR	DESCRIPTION	REVISER	DATE
A			Initial release.	LIU	2020.12.22











SECTION "A"-"A"
SCALE 2:1

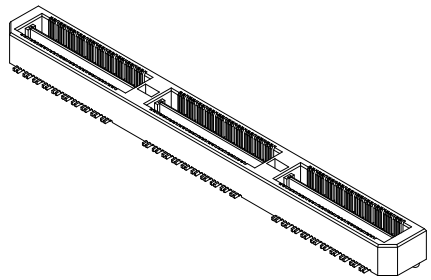


TABLE 1		
POSITION	DIM. "A"	DIM. "B"
-020	20.00	18.48
-040	40.01	38.48
-060	60.01	58.48
-080	80.01	78.49
-100	100.01	98.49

TABLE 2		
STYLE	DIM. "C"	DIM. "D"
-01	4.27	4.06
-02	7.27	7.06

TABLE 3	
OPTION	DIM. Ø "E"
-SM1	1.02
-SM2	1.19

RECOMMENDED PCB LAYOUT
TOLERANCES:±0.05MM
STENCIL TO BE 0.152MM THICKNESS

NOTES:
1:RETENTION FORCE:
CONTACT RETENTION: 6oz MINIMUM;
GROUND PLANE RETENTION: 1LB MINIMUM;
2:BURR ALLOWANCE:0.04 MAXIMUM;
3:COPLANARITY:
-20 THUR -40 POSITIONS:0.10MM
-60 THUR -100 POSITIONS:0.15MM;
4:CURRENT RATING:
CONTACT: 2A PER PINS (2 PINS POWERED);
GROUND PLANCE: 25A PER GROUND PLANE
(1 GROUND PLANE POWERED);
5:OPERATING TEMP RATING: -55°C TO +125°C;
6:VOITAGE RATING: 175 VAC (5MM STACK HENGHT);
7:INSULATOR MATERIAL: LCP. UL94V-0,BLACK;
8:CONTACT MATERIAL: PHOSPHOR BRONZE;
9:PLATING: SEE ORDERING INFORMATION.

TOLERANCE UNSPECIFIED		
Dimension		Angle
.	±0.5	±2°
.X	±0.3	
.XX	±0.13	
.XXX	±0.05	

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DESCRIPTION:
0.5MM DIFFERENTIAL PAIRS HS TERMINAL ASSEMBLY

DRAWN BY:	LIU	SIZE: A4	UNIT: MM	PART No.:5001-QTH0542-**MR-00-B
CHECKED BY:	ZHOU	SCALE: 1:1	PROJECTION:	REV: A
APPROVED BY:	HUANG	Email:	WWW.JMECONN.COM	SHEET: 1/1