

**DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN**

**DO NOT
SCALE FROM
THIS PRINT**

NVCF-XX-XX-V-X-XX-X-X-X-X-X

SIGNAL TYPE

-DP: DIFFERENTIAL PAIRS ONLY
*■-SE: SINGLE ENDED COAX SIGNALS ONLY
*■-P: POWER

ROWS

-04, *-08, -12, -16,
*-18, *-24, ■-32

VERTICAL

CABLE STYLE

-3: 3492 (ThinAx)
*-5: 3450 (Coax)
■-6: 2892 (ThinAx)

CABLE LENGTH

-XX (INCHES)
(10 INCHES MINIMUM,
SEE NOTES 3 & 5)

J1 GUIDANCE/MOUNTING

****-0: NO GUIDANCE, NO MOUNTING LUGS
*■-1: LEFT GUIDANCE, NO MOUNTING LUGS
*■-2: LEFT GUIDANCE, SIDE MOUNTING LUGS
*■-3: LEFT GUIDANCE, TOP/BOTTOM MOUNTING LUGS
*■-4: RIGHT GUIDANCE, NO MOUNTING LUGS
*■-5: RIGHT GUIDANCE, SIDE MOUNTING LUGS
*■-6: RIGHT GUIDANCE, TOP/BOTTOM MOUNTING LUGS
***-7: BOTH GUIDANCE, NO MOUNTING LUGS
***-8: BOTH GUIDANCE, SIDE MOUNTING LUGS
*■-9: BOTH GUIDANCE, TOP/BOTTOM MOUNTING LUGS

PIN OUT

-1: PIN A01 TO PIN A01 (SEE TABLE 6)
-2: PIN A01 TO R01 (SEE TABLE 8)
-3: PIN A01 TO PIN AN (N EQUALS LAST ROW) (SEE TABLE 10)

J2 GUIDANCE/MOUNTING

****-0: NO GUIDANCE, NO MOUNTING LUGS
*■-1: LEFT GUIDANCE, NO MOUNTING LUGS
*■-2: LEFT GUIDANCE, SIDE MOUNTING LUGS
*■-3: LEFT GUIDANCE, TOP/BOTTOM MOUNTING LUGS
*■-4: RIGHT GUIDANCE, NO MOUNTING LUGS
*■-5: RIGHT GUIDANCE, SIDE MOUNTING LUGS
*■-6: RIGHT GUIDANCE, TOP/BOTTOM MOUNTING LUGS
***-7: BOTH GUIDANCE, NO MOUNTING LUGS
***-8: BOTH GUIDANCE, SIDE MOUNTING LUGS
*■-9: BOTH GUIDANCE, TOP/BOTTOM MOUNTING LUGS

J2 KEYING

(ONLY AVAILABLE WITH GUIDANCE)
-BLANK: NO GUIDE
-N NONE (NO KEY)
-A THRU -H: DENOTES POSITION OF
FLAT ON KEY

J1 KEYING

(ONLY AVAILABLE WITH GUIDANCE)
-BLANK: NO GUIDE
-N NONE (NO KEY)
-A THRU -H: DENOTES POSITION OF FLAT ON KEY

(* = NOT TOOLED)

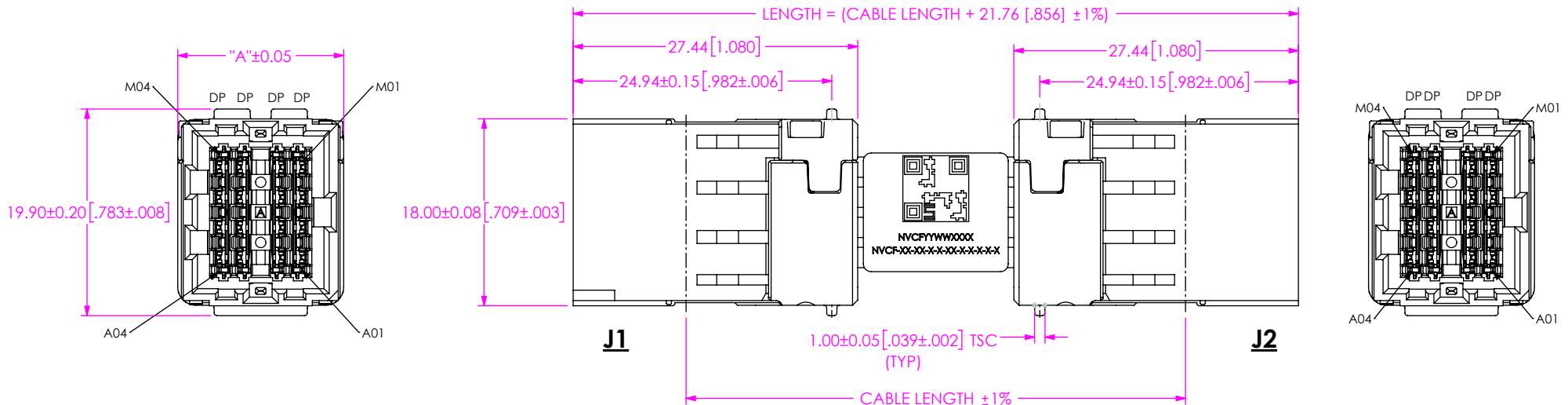
(** = ONLY AVAILABLE IN -04, -08 & -12 ROW)

(*** = ONLY TOOLED IN -04, 16 & -32 ROWS)

(**** = ONLY TOOLED IN -12 ROW & -32 ROW)

(■ = NOT RELEASED)

(■ = NOT TOOLED FOR HSET)



**FIG 1
NO LUG MOUNTING
(NVCF-DP-04-V-X-XX-0-0-3 SHOWN)**

NOTES:

1. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
2. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
3. CABLE LENGTHS LONGER THAN 40 INCHES ARE NOT SUPPORTED BY S.I. TEST DATA.
4. ALL ASSEMBLIES TO BE 100% S.I. TESTED.
5. MAX STANDARD CABLE LENGTH IS 99 INCHES, FOR LENGTHS GREATER THAN 99 INCHES, CONTACT HDR@SAMTEC.COM.
6. STANDARD HARDWARE IS DESIGNED FOR 1.57[.062]-7.62[.300] PANEL THICKNESS.
7. FOR MIXED COMBINATIONS OF -DP, -SE, & -P, PLEASE CONTACT HDR@SAMTEC.COM.
8. HIGH SPEED E-TEST IS TOOLED IN ALL CONFIGURATIONS, UNLESS OTHERWISE NOTED, FOR CABLE LENGTHS OF 6" TO 80". CONTACT HSETsupport@samtec.com FOR HSET REQUESTS ON ALL NON-TOOLED CONFIGURATIONS AND/OR CABLE LENGTHS.

TABLE 1

No. OF ROWS	"A"
-04	16.00 [0.630]
-08	24.00 [0.945]
-12	32.00 [1.260]
-16	40.00 [1.575]
-18	44.00 [1.732]
-24	56.00 [2.205]
-32	72.00 [2.835]

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SHEET SCALE: 1:2

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DESCRIPTION:

DWG. NO.

NVCF-XX-XX-V-X-XX-X-X-X-X-X

BY: KNOWLDEN 04/26/2024 SHEET 1 OF 13

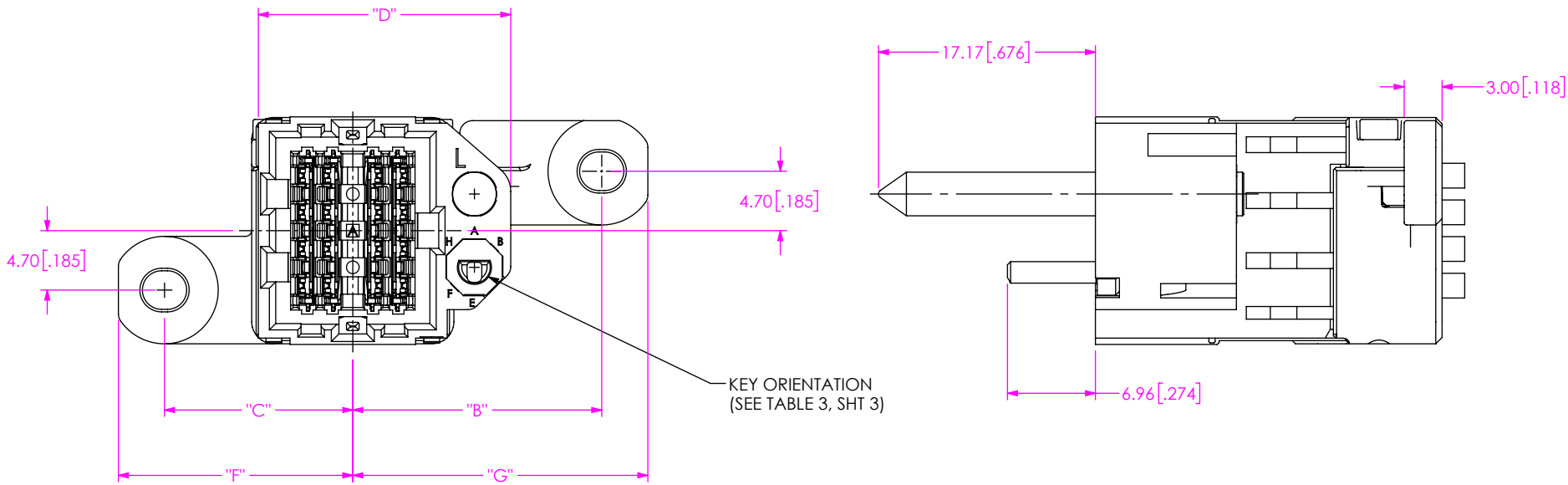
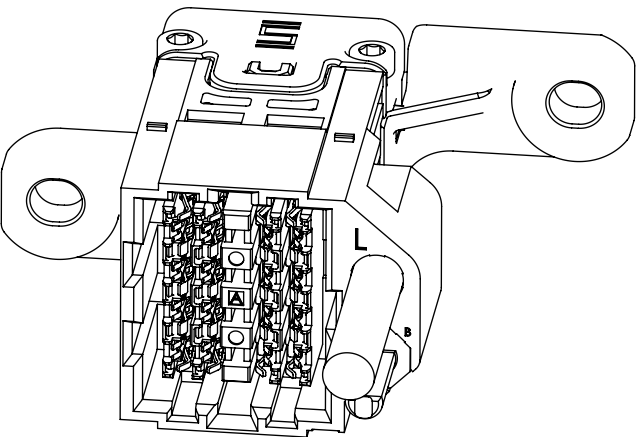


FIG 2
LEFT GUIDANCE, SIDE MOUNTING LUGS: 04-12 ROW
(NVCF-DP-04-V-X-XX-2-A-X-X-X SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

TABLE 2						
No. OF ROWS	"B"	"C"	"D"	"E"	"F"	"G"
-04	19.70 [0.776]	14.90 [0.587]	19.98 [0.787]	25.00 [0.984]	18.55 [0.730]	23.35 [0.919]
-08	23.70 [0.933]	18.90 [0.744]	27.98 [1.102]	33.00 [1.299]	22.55 [0.888]	27.35 [1.077]
-12	27.70 [1.091]	22.90 [0.902]	35.98 [1.417]	41.00 [1.614]	26.55 [1.045]	31.35 [1.234]
-16	31.70 [1.248]	26.90 [1.059]	N/A	49.00 [1.929]	N/A	35.35 [1.392]
-18	33.70 [1.327]	28.90 [1.138]		53.00 [2.087]		37.35 [1.470]
-24	39.70 [1.563]	34.90 [1.374]		65.00 [2.559]		43.35 [1.707]
-32	47.70 [1.878]	42.90 [1.689]		81.00 [3.189]		51.35 [2.022]

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DESCRIPTION:

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NVCF-XX-XX-V-X-XX-X-X-X-X-X

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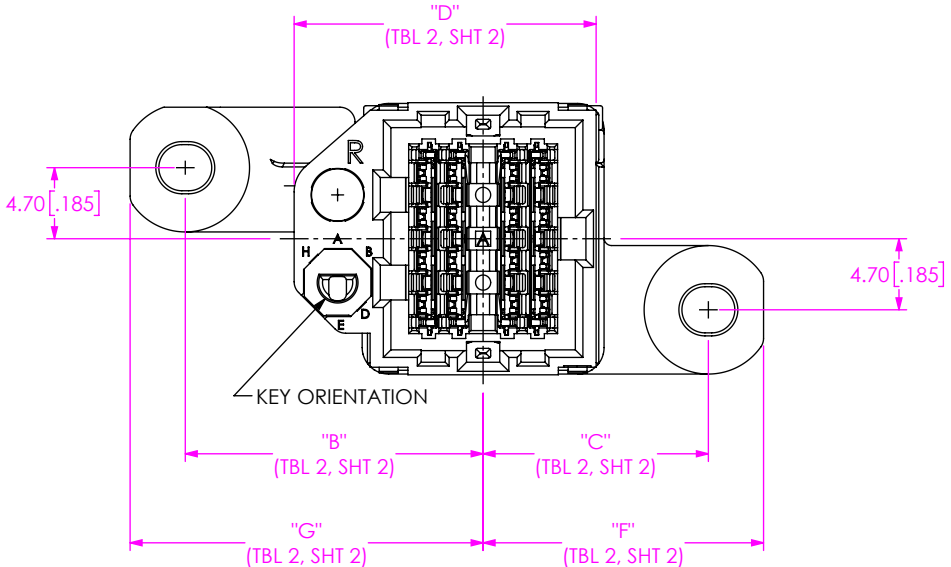
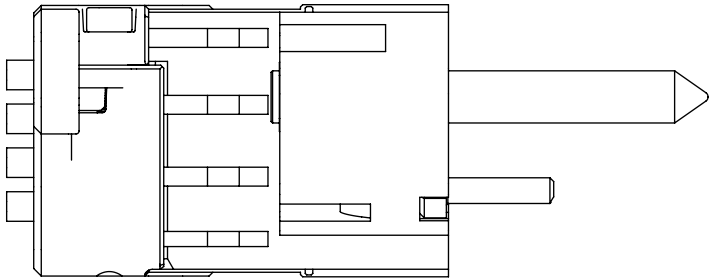
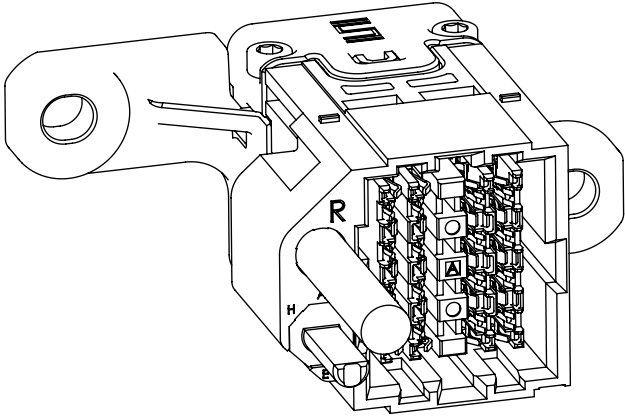


FIG 3
RIGHT GUIDANCE, SIDE MOUNTING LUGS: 04-12 ROW
(NVCF-DP-04-V-X-XX-5-A-X-X-X SHOWN)
(SAME AS FIGS 1 & 2, EXCEPT AS SHOWN)

TABLE 3								
GUIDANCE	KEYING							
-BLANK	-N [NONE]							
-L / -R / -B	-A	-B	-C	-D	-E	-F	-G	-H

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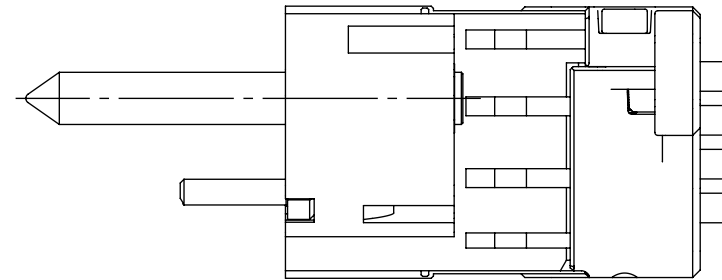
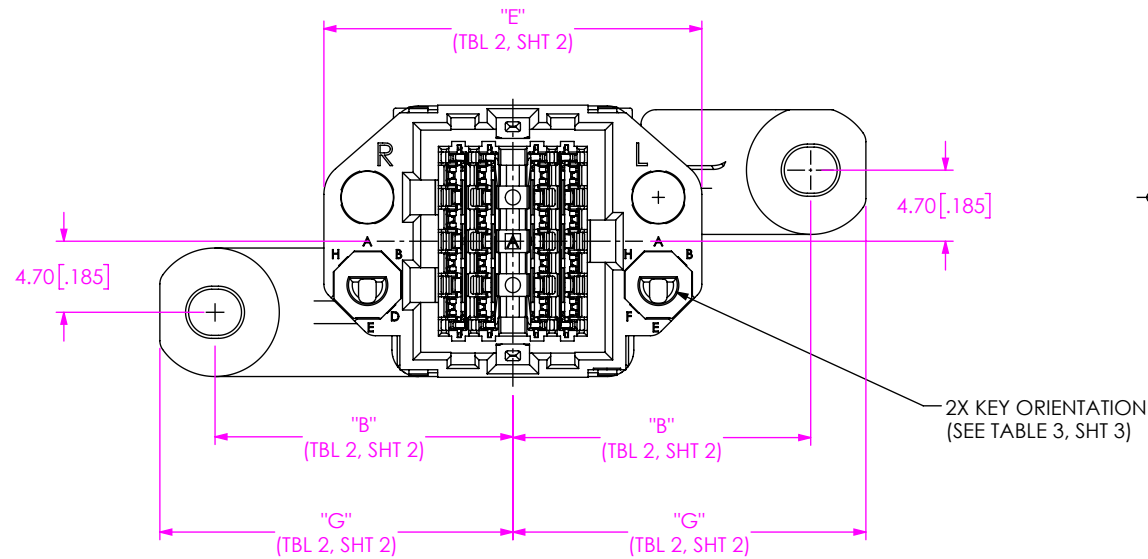
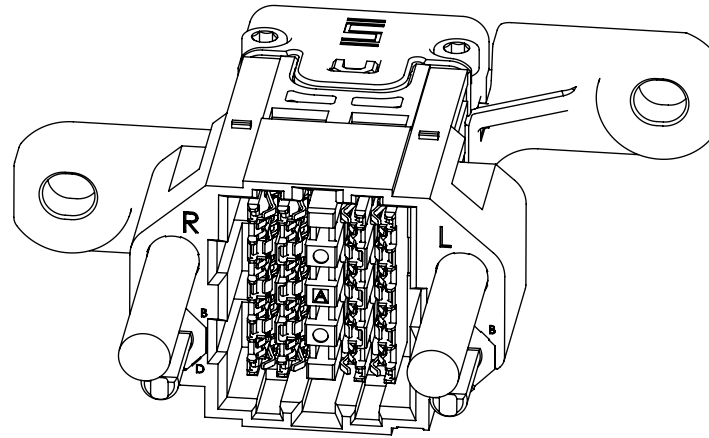


FIG 4
BOTH GUIDANCE, SIDE LUGS: 04-12 ROW
(NVCF-DP-04-V-X-XX-8-A-X-X-X SHOWN)
(SAME AS FIGS 1, 2 & 3, EXCEPT AS SHOWN)

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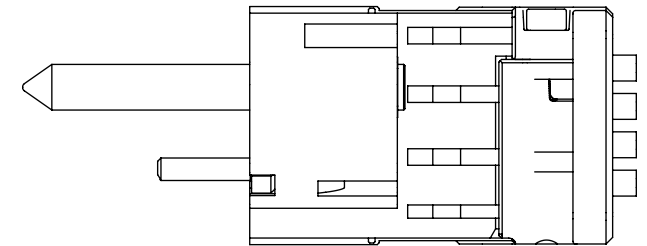
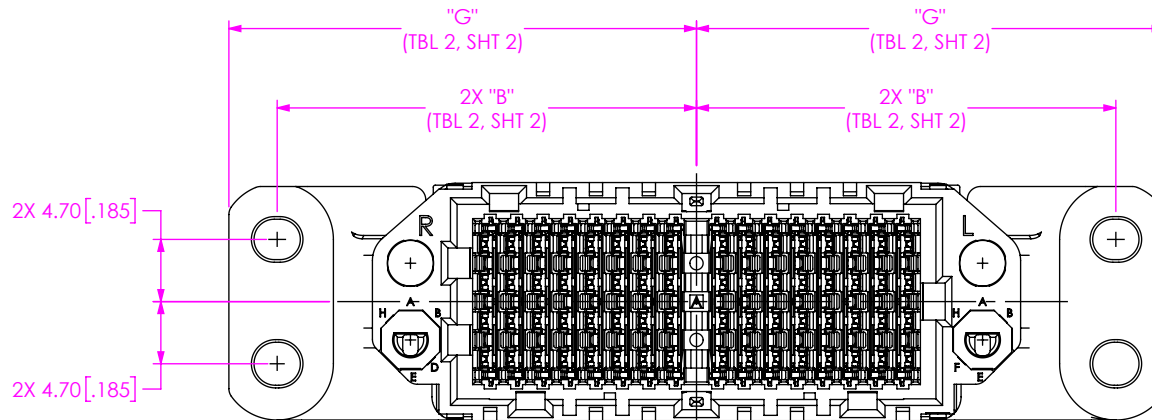
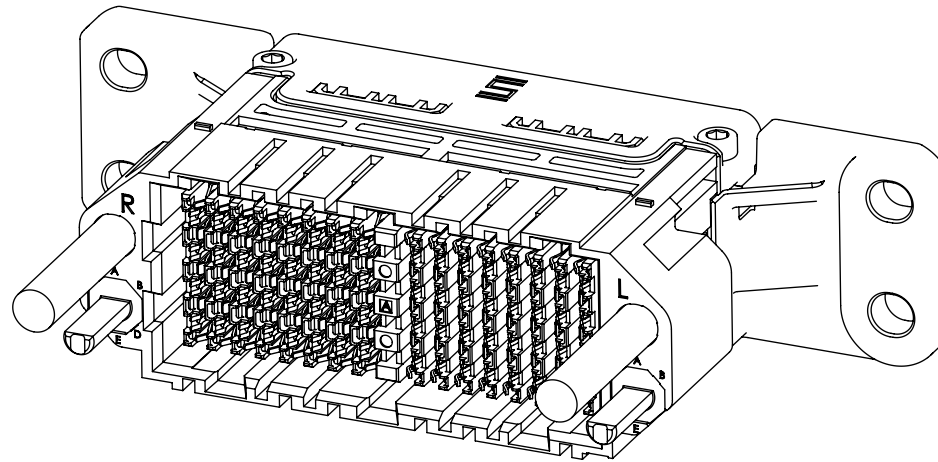


FIG 5
BOTH GUIDANCE, SIDE MOUNTING LUGS: 16-32 ROW
(NVCF-DP-16-V-XX-8-A-X-X-X SHOWN)
(SAME AS FIGS 1 & 4, EXCEPT AS SHOWN)

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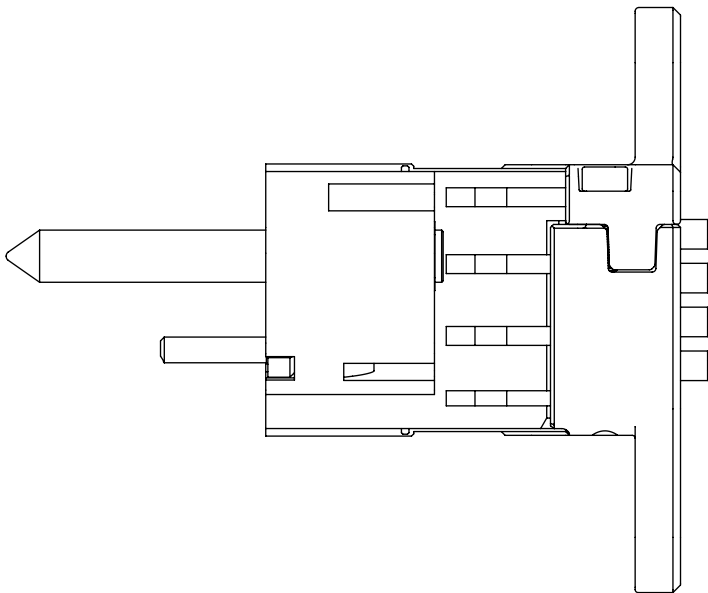
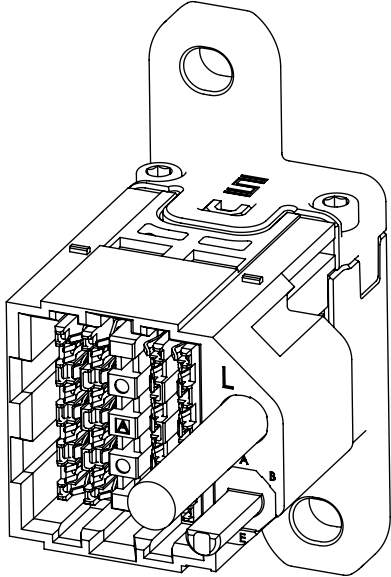
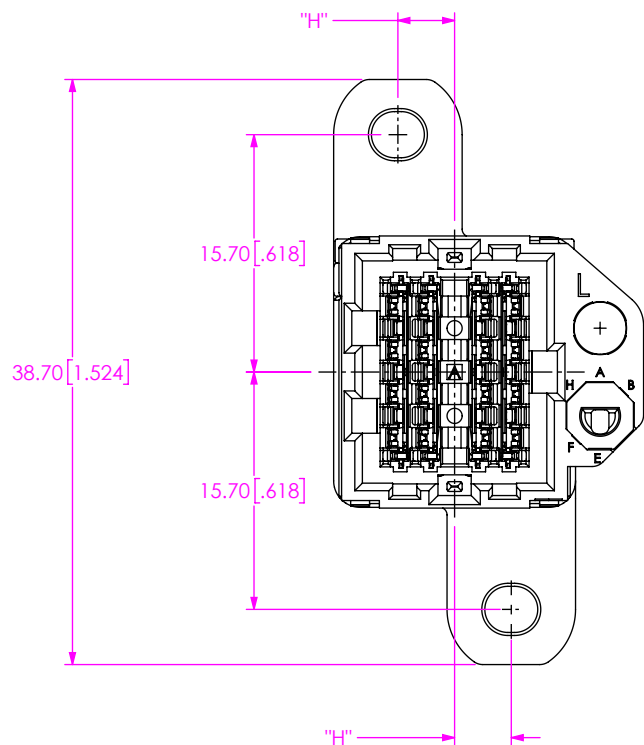


TABLE 4		
No. OF ROWS	"H"	"J"
-04	3.75 [0.148]	N/A
-08	7.75 [0.305]	
-12	11.75 [0.463]	
-16	15.75 [0.620]	21.00 [0.827]
-18	17.75 [0.699]	25.00 [0.984]
-24	23.75 [0.935]	37.00 [1.457]
-32	31.75 [1.250]	53.00 [2.087]

FIG 6
TOP/BOTTOM LUG MOUNTING: 04-12 ROW
(NVCF-DP-04-V-X-XX-3-A-X-X-X SHOWN)
(SAME AS FIGS 1 & 2, EXCEPT AS SHOWN)

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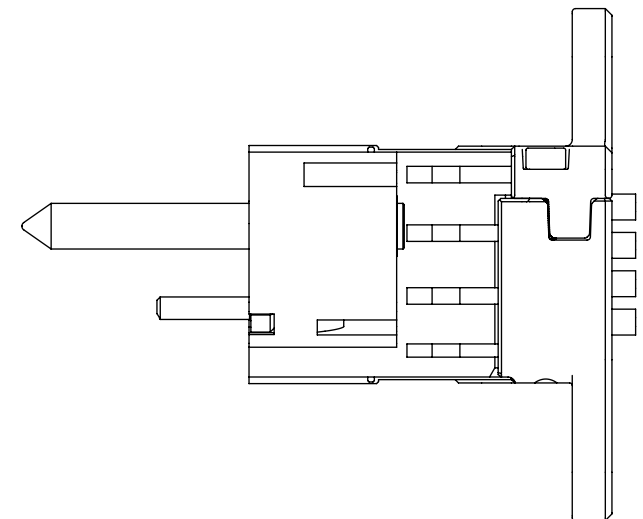
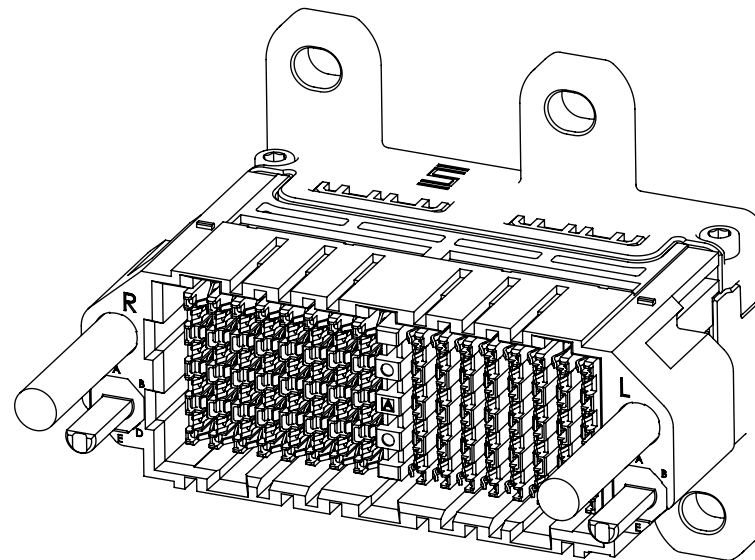
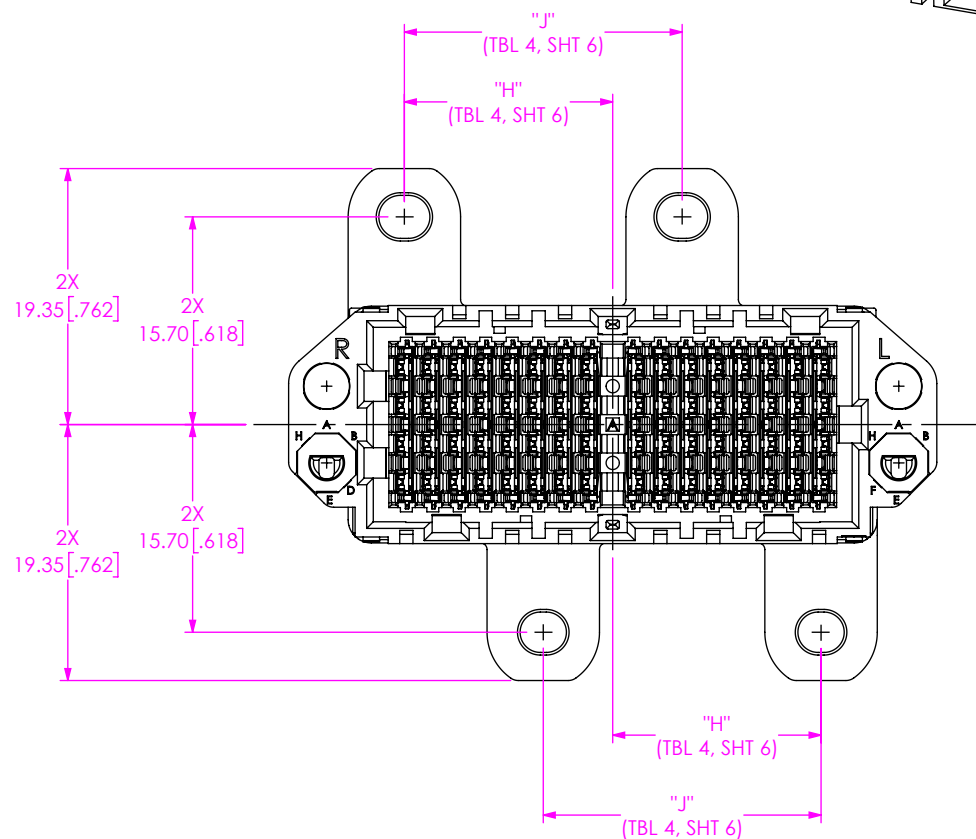


FIG 7
TOP/BOTTOM LUG MOUNTING: 16-32 ROW
(NVCF-XX-16-V-X-XX-9-X-X-X-X SHOWN)
(SAME AS FIGS 1, 4 & 6, EXCEPT AS SHOWN)

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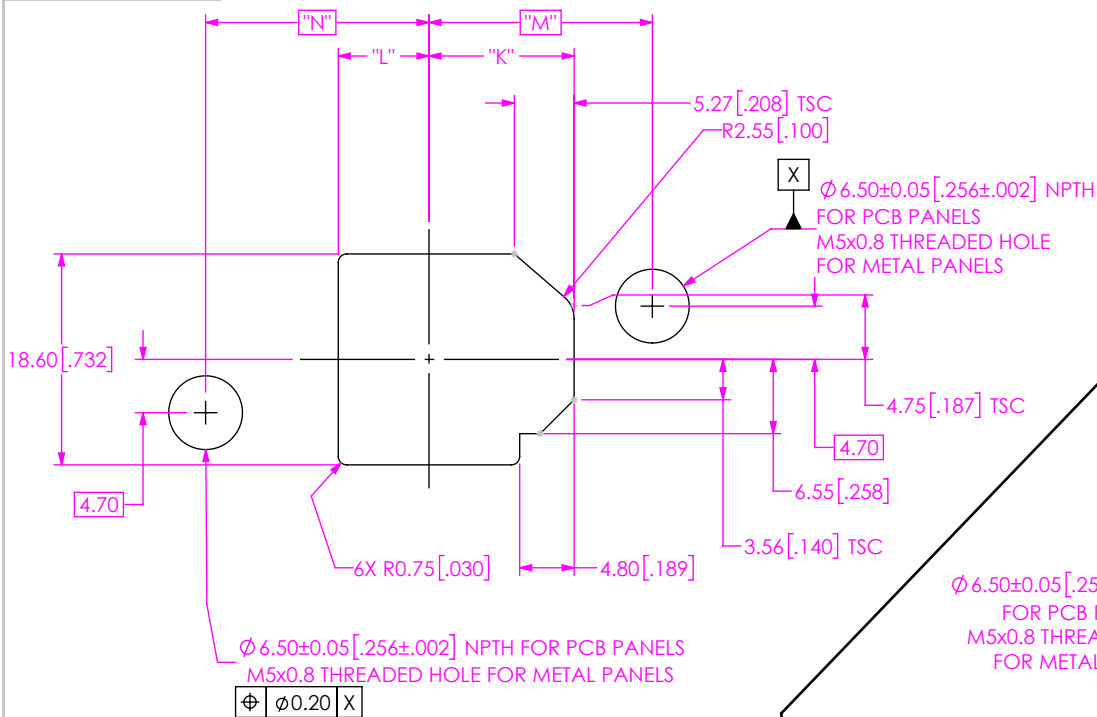


FIG 8
(4-12 ROW, LEFT GUIDANCE, SIDE LUG MOUNTING STYLE)
(SEE NOTE 6)

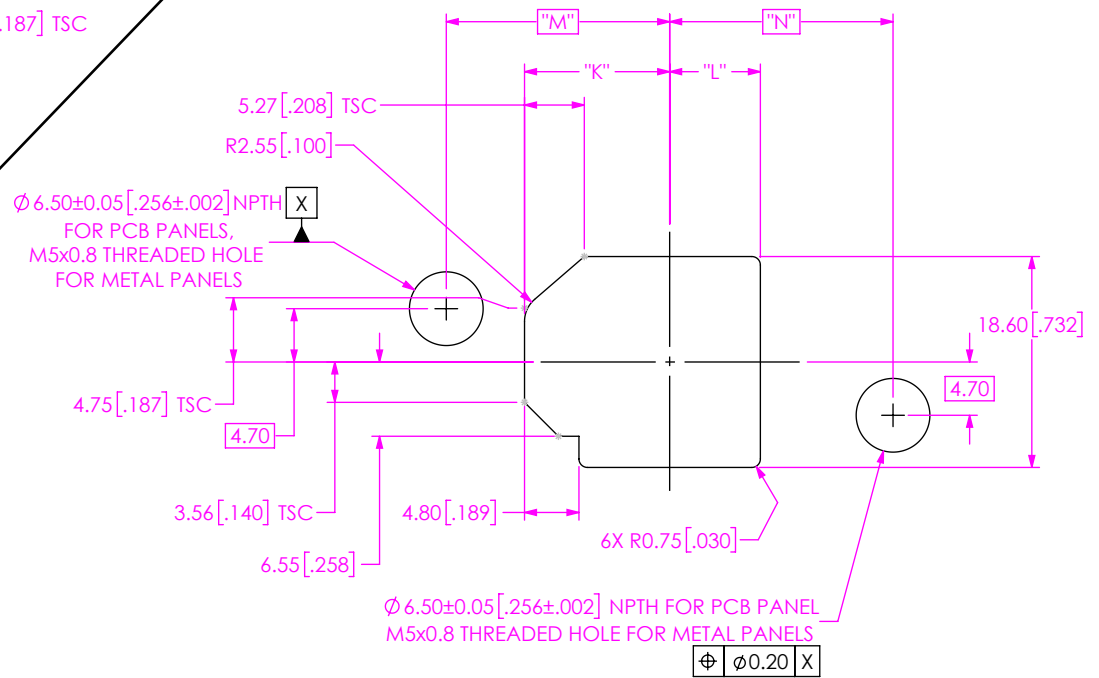


FIG 9
(4-12 ROW, RIGHT GUIDANCE, SIDE LUG MOUNTING STYLE)
(SEE NOTE 6)

TABLE 5				
No. OF ROWS	"K"	"L"	"M"	"N"
-04	12.80 [0.504]	8.00 [0.315]	19.70 [0.776]	14.90 [0.587]
-08	16.80 [0.661]	12.00 [0.472]	23.70 [0.933]	18.90 [0.744]
-12	20.80 [0.819]	16.00 [0.630]	27.70 [1.091]	22.90 [0.902]
-16	24.80 [0.976]	N/A	31.70 [1.248]	N/A
-18	26.80 [1.055]		33.70 [1.327]	
-24	32.80 [1.291]		39.70 [1.563]	
-32	40.80 [1.606]		47.70 [1.878]	

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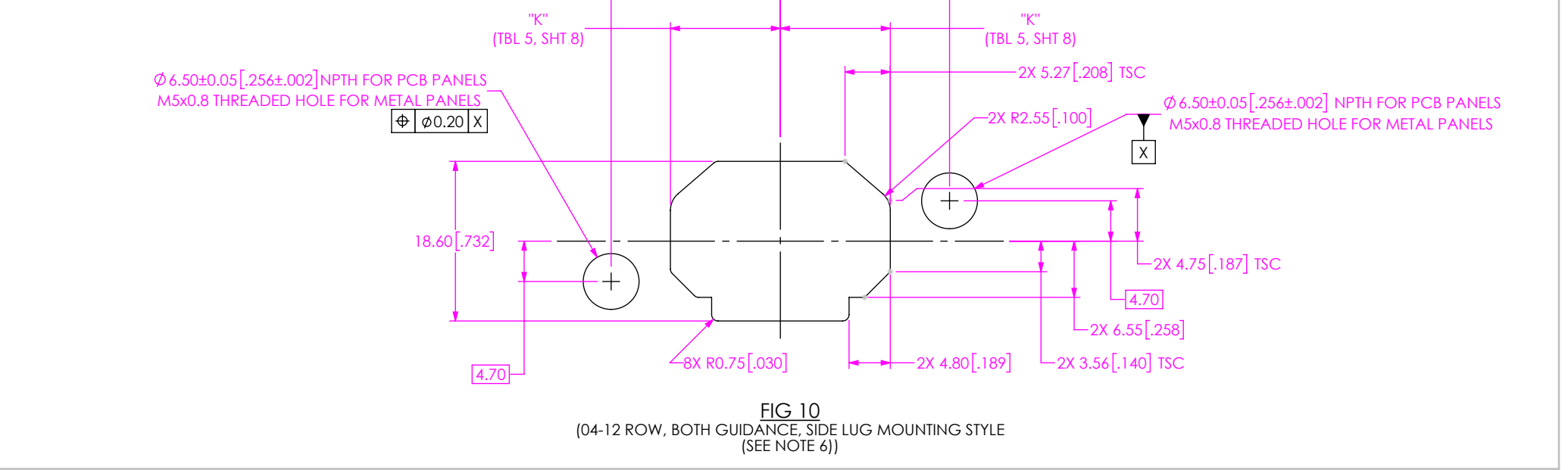


FIG 10
(04-12 ROW, BOTH GUIDANCE, SIDE LUG MOUNTING STYLE
(SEE NOTE 6))

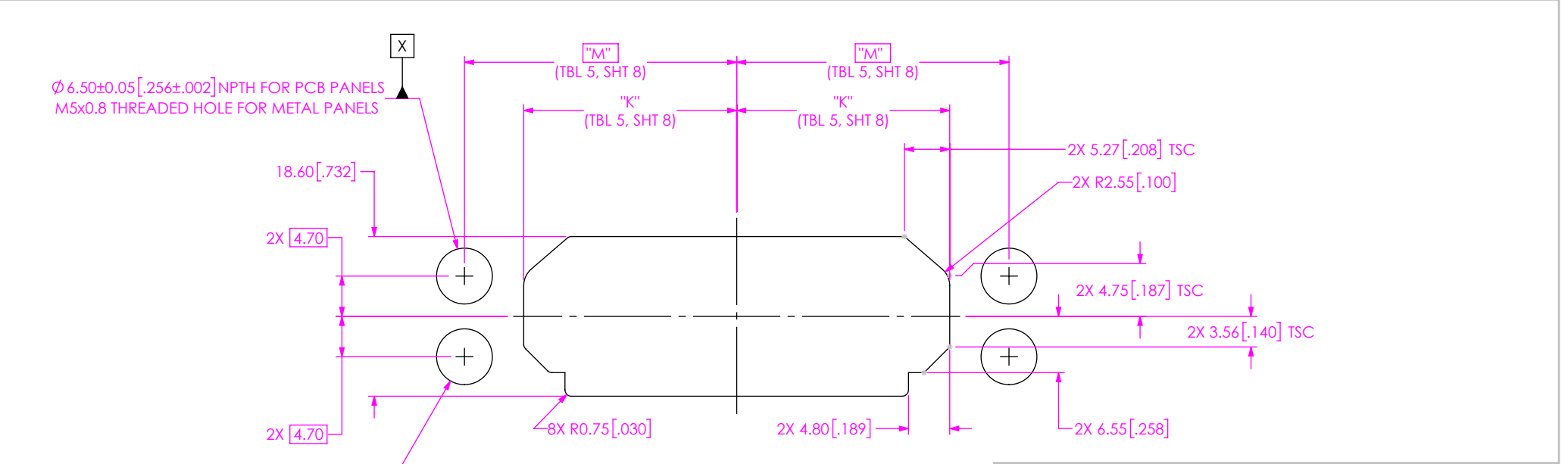


FIG 11
(16-32 ROW, BOTH GUIDANCE, SIDE LUG MOUNTING STYLE)
(SEE NOTE 6)

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DESCRIPTION:	
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DWG. NO. **NVCF-XX-XX-V-X-XX-X-X-X-X-X**

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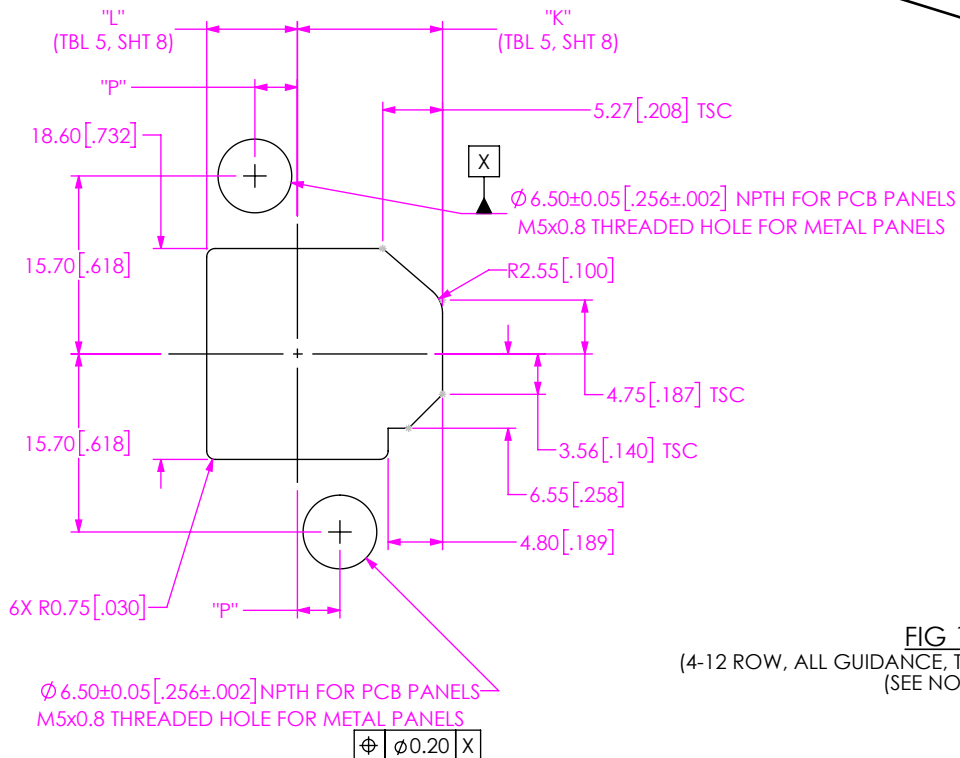
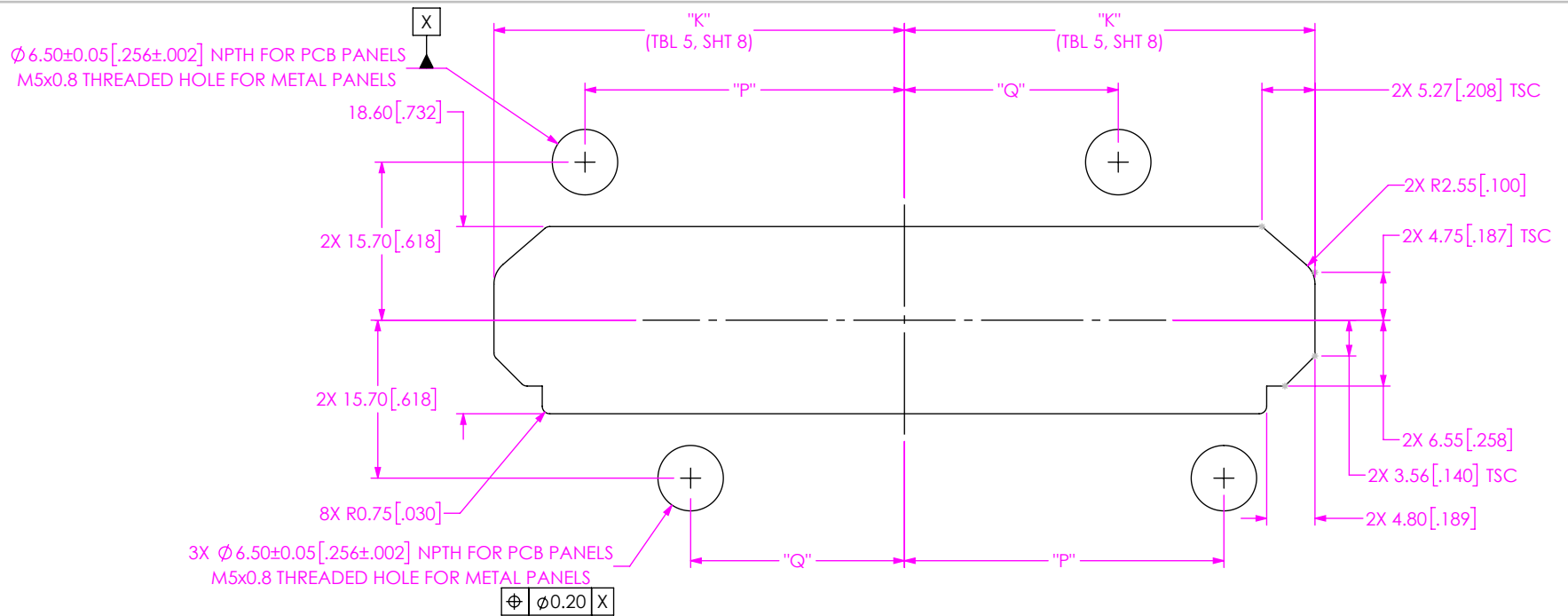


TABLE 6		
No. OF ROWS	"P"	"Q"
-04	3.75 [0.148]	N/A
-08	7.75 [0.305]	
-12	11.75 [0.463]	
-16	15.75 [0.620]	5.25 [0.207]
-18	17.75 [0.699]	7.25 [0.285]
-24	23.75 [0.935]	19.25 [0.758]
-32	31.75 [1.250]	35.25 [1.388]

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DESCRIPTION:

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NVCF-XX-XX-V-X-XX-X-X-X-X-X

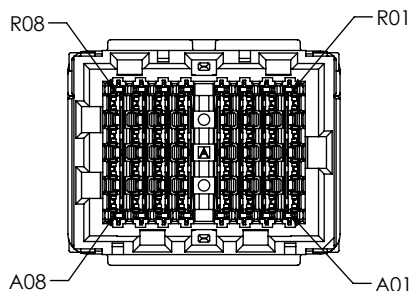
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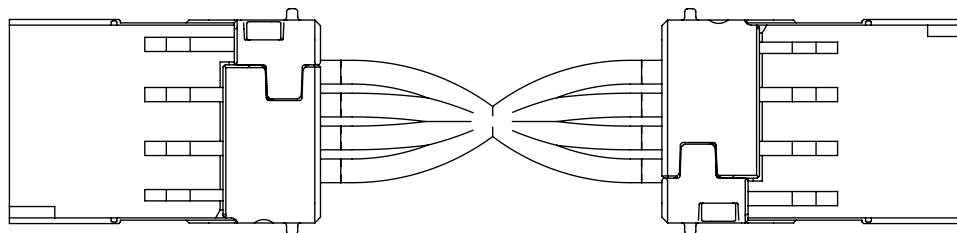
SIGNAL MAPPING FOR NVCF-DP-08-VT-X-XX-X-X-X-1

J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2
A 01	GND1	A 01	A 02	GND1	A 02	A 03	GND1	A 03	A 04	GND1	A 04	A 05	GND2	A 05	A 06	GND2	A 06	A 07	GND2	A 07	A 08	GND2	A 08	A 09	GND2	A 09	A 10	GND2	A 10
B 01	TX1+	B 01	B 02	TX5+	B 02	B 03	TX9+	B 03	B 04	TX13+	B 04	B 05	RX1+	B 05	B 06	RX5+	B 06	B 07	RX9+	B 07	B 08	RX13+	B 08	B 09	RX17+	B 09	B 10	RX21+	B 10
C 01	TX1-	C 01	C 02	TX5-	C 02	C 03	TX9-	C 03	C 04	TX13-	C 04	C 05	RX1-	C 05	C 06	RX5-	C 06	C 07	RX9-	C 07	C 08	RX13-	C 08	C 09	RX17-	C 09	C 10	RX21-	C 10
D 01	GND1	D 01	D 02	GND1	D 02	D 03	GND1	D 03	D 04	GND1	D 04	D 05	GND2	D 05	D 06	GND2	D 06	D 07	GND2	D 07	D 08	GND2	D 08	D 09	GND2	D 09	D 10	GND2	D 10
E 01	GND1	E 01	E 02	GND1	E 02	E 03	GND1	E 03	E 04	GND1	E 04	E 05	GND2	E 05	E 06	GND2	E 06	E 07	GND2	E 07	E 08	GND2	E 08	E 09	GND2	E 09	E 10	GND2	E 10
F 01	TX2+	F 01	F 02	TX6+	F 02	F 03	TX10+	F 03	F 04	TX14+	F 04	F 05	RX2+	F 05	F 06	RX6+	F 06	F 07	RX10+	F 07	F 08	RX14+	F 08	F 09	RX18+	F 09	F 10	RX22+	F 10
G 01	TX2-	G 01	G 02	TX6-	G 02	G 03	TX10-	G 03	G 04	TX14-	G 04	G 05	RX2-	G 05	G 06	RX6-	G 06	G 07	RX10-	G 07	G 08	RX14-	G 08	G 09	RX18-	G 09	G 10	RX22-	G 10
H 01	GND1	H 01	H 02	GND1	H 02	H 03	GND1	H 03	H 04	GND1	H 04	H 05	GND2	H 05	H 06	GND2	H 06	H 07	GND2	H 07	H 08	GND2	H 08	H 09	GND2	H 09	H 10	GND2	H 10
J 01	GND1	J 01	J 02	GND1	J 02	J 03	GND1	J 03	J 04	GND1	J 04	J 05	GND2	J 05	J 06	GND2	J 06	J 07	GND2	J 07	J 08	GND2	J 08	J 09	GND2	J 09	J 10	GND2	J 10
K 01	TX3+	K 01	K 02	TX7+	K 02	K 03	TX11+	K 03	K 04	TX15+	K 04	K 05	RX3+	K 05	K 06	RX7+	K 06	K 07	RX11+	K 07	K 08	RX15+	K 08	K 09	RX19+	K 09	K 10	RX23+	K 10
L 01	TX3-	L 01	L 02	TX7-	L 02	L 03	TX11-	L 03	L 04	TX15-	L 04	L 05	RX3-	L 05	L 06	RX7-	L 06	L 07	RX11-	L 07	L 08	RX15-	L 08	L 09	RX19-	L 09	L 10	RX23-	L 10
M 01	GND1	M 01	M 02	GND1	M 02	M 03	GND1	M 03	M 04	GND1	M 04	M 05	GND2	M 05	M 06	GND2	M 06	M 07	GND2	M 07	M 08	GND2	M 08	M 09	GND2	M 09	M 10	GND2	M 10
N 01	GND1	N 01	N 02	GND1	N 02	N 03	GND1	N 03	N 04	GND1	N 04	N 05	GND2	N 05	N 06	GND2	N 06	N 07	GND2	N 07	N 08	GND2	N 08	N 09	GND2	N 09	N 10	GND2	N 10
P 01	TX4+	P 01	P 02	TX8+	P 02	P 03	TX12+	P 03	P 04	TX16+	P 04	P 05	RX4+	P 05	P 06	RX8+	P 06	P 07	RX12+	P 07	P 08	RX16+	P 08	P 09	RX20+	P 09	P 10	RX24+	P 10
Q 01	TX4-	Q 01	Q 02	TX8-	Q 02	Q 03	TX12-	Q 03	Q 04	TX16-	Q 04	Q 05	RX4-	Q 05	Q 06	RX8-	Q 06	Q 07	RX12-	Q 07	Q 08	RX16-	Q 08	Q 09	RX20-	Q 09	Q 10	RX24-	Q 10
R 01	GND1	R 01	R 02	GND1	R 02	R 03	GND1	R 03	R 04	GND1	R 04	R 05	GND2	R 05	R 06	GND2	R 06	R 07	GND2	R 07	R 08	GND2	R 08	R 09	GND2	R 09	R 10	GND2	R 10

ON MATING BOARD ASSEMBLY, SAMTEC RECOMMENDS IMPLEMENTING A GND REFERENCE TYING ALL GNDS TOGETHER
ALL LIKE NAMED GROUNDS ARE COMMON AND CONNECTED TO CABLE SHIELD (NUMBER OF GROUNDS VARIES BY ROW COUNT, SEE TABLE 13)

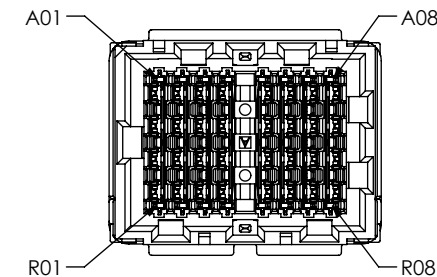


J1



J1

J2



J2

TABLE 13

No. OF ROWS	No. OF GROUNDS
-04	2
-08	2
-12	4
-16	4
-18	6
-24	6
-32	8

TABLE 8

NET COUNT

TYPE	NETS	POINTS
POINT TO POINT	64	128
GNDX	2	128

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SHEET SCALE: 1:1

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:

DWG. NO.

NVCF-XX-XX-V-X-XX-X-X-X-X-X

BY: KNOWLDEN 04/26/2024 SHEET 11 OF 13

TABLE 9

SIGNAL MAPPING FOR NVCF-DP-08-VT-X-XX-X-X-X-2

J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2
A 01	GND1	R 01	A 02	GND1	R 02	A 03	GND1	R 03	A 04	GND1	R 04	A 05	GND2	R 05	A 06	GND2	R 06	A 07	GND2	R 07	A 08	GND2	R 08
B 01	TX1+	Q 01	B 02	TX3+	Q 02	B 03	TX5+	Q 03	B 04	TX7+	Q 04	B 05	TX9+	Q 05	B 06	TX11+	Q 06	B 07	TX13+	Q 07	B 08	TX15+	Q 08
C 01	TX1-	P 01	C 02	TX3-	P 02	C 03	TX5-	P 03	C 04	TX7-	P 04	C 05	TX9-	P 05	C 06	TX11-	P 06	C 07	TX13-	P 07	C 08	TX15-	P 08
D 01	GND1	N 01	D 02	GND1	N 02	D 03	GND1	N 03	D 04	GND1	N 04	D 05	GND2	N 05	D 06	GND2	N 06	D 07	GND2	N 07	D 08	GND2	N 08
E 01	GND1	M 01	E 02	GND1	M 02	E 03	GND1	M 03	E 04	GND1	M 04	E 05	GND2	M 05	E 06	GND2	M 06	E 07	GND2	M 07	E 08	GND2	M 08
F 01	TX2+	L 01	F 02	TX4+	L 02	F 03	TX6+	L 03	F 04	TX8+	L 04	F 05	TX10+	L 05	F 06	TX12+	L 06	F 07	TX14+	L 07	F 08	TX16+	L 08
G 01	TX2-	K 01	G 02	TX4-	K 02	G 03	TX6-	K 03	G 04	TX8-	K 04	G 05	TX10-	K 05	G 06	TX12-	K 06	G 07	TX14-	K 07	G 08	TX16-	K 08
H 01	GND1	J 01	H 02	GND1	J 02	H 03	GND1	J 03	H 04	GND1	J 04	H 05	GND2	J 05	H 06	GND2	J 06	H 07	GND2	J 07	H 08	GND2	J 08
J 01	GND1	H 01	J 02	GND1	H 02	J 03	GND1	H 03	J 04	GND1	H 04	J 05	GND2	H 05	J 06	GND2	H 06	J 07	GND2	H 07	J 08	GND2	H 08
K 01	RX2-	G 01	K 02	RX4-	G 02	K 03	RX6-	G 03	K 04	RX8-	G 04	K 05	RX10-	G 05	K 06	RX12-	G 06	K 07	RX14-	G 07	K 08	RX16-	G 08
L 01	RX2+	F 01	L 02	RX4+	F 02	L 03	RX6+	F 03	L 04	RX8+	F 04	L 05	RX10+	F 05	L 06	RX12+	F 06	L 07	RX14+	F 07	L 08	RX16+	F 08
M 01	GND1	E 01	M 02	GND1	E 02	M 03	GND1	E 03	M 04	GND1	E 04	M 05	GND2	E 05	M 06	GND2	E 06	M 07	GND2	E 07	M 08	GND2	E 08
N 01	GND1	D 01	N 02	GND1	D 02	N 03	GND1	D 03	N 04	GND1	D 04	N 05	GND2	D 05	N 06	GND2	D 06	N 07	GND2	D 07	N 08	GND2	D 08
P 01	RX1-	C 01	P 02	RX3-	C 02	P 03	RX5-	C 03	P 04	RX7-	C 04	P 05	RX9-	C 05	P 06	RX11-	C 06	P 07	RX13-	C 07	P 08	RX15-	C 08
Q 01	RX1+	B 01	Q 02	RX3+	B 02	Q 03	RX5+	B 03	Q 04	RX7+	B 04	Q 05	RX9+	B 05	Q 06	RX11+	B 06	Q 07	RX13+	B 07	Q 08	RX15+	B 08
R 01	GND1	A 01	R 02	GND1	A 02	R 03	GND1	A 03	R 04	GND1	A 04	R 05	GND2	A 05	R 06	GND2	A 06	R 07	GND2	A 07	R 08	GND2	A 08

ON MATING BOARD ASSEMBLY, SAMTEC RECOMMENDS IMPLEMENTING A GND REFERENCE TYING ALL GNDS TOGETHER

ALL LIKE NAMED GROUNDS ARE COMMON AND CONNECTED TO CABLE SHIELD (NUMBER OF GROUNDS VARIES BY ROW COUNT, SEE TABLE 13, SHEET 11)

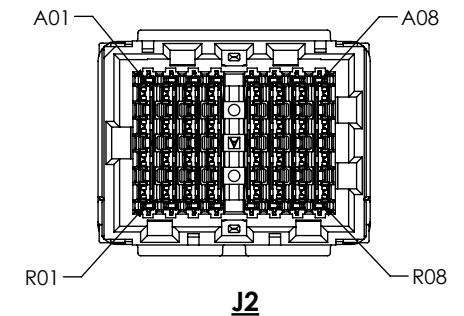
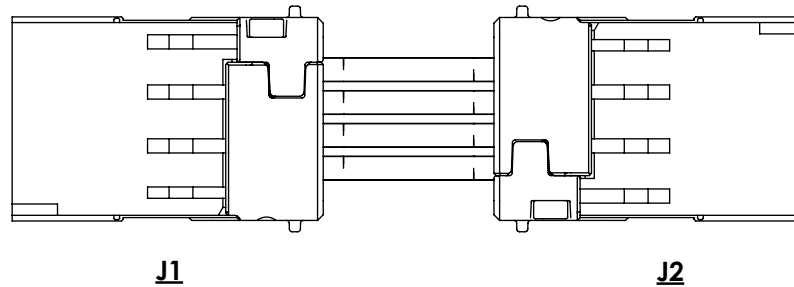
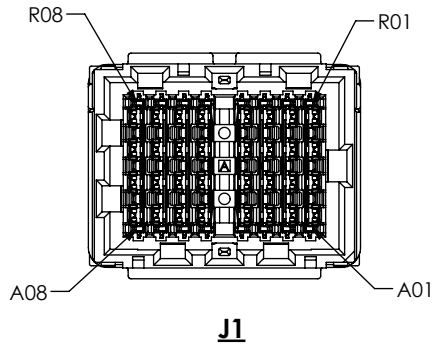


TABLE 10

NET COUNT

TYPE	NETS	POINTS
POINT TO POINT	64	128
GNDX	2	128

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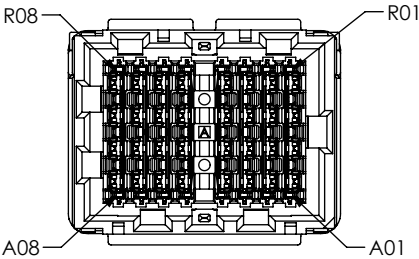
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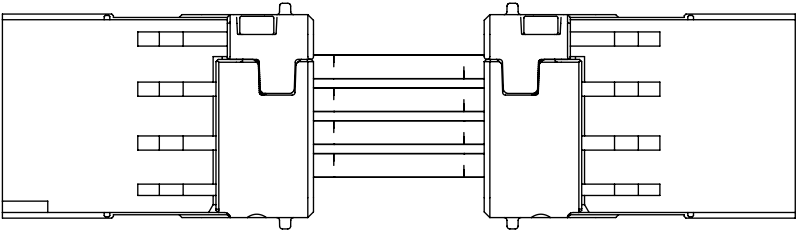
NVCF-XX-XX-V-X-XX-X-X-X-X-X

BY: KNOWLDEN 04/26/2024 SHEET 12 OF 13

TABLE 11																							
SIGNAL MAPPING FOR NVCF-DP-08-VT-X-XX-X-X-X-3																							
J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2	J1	TYPE	J2
A 01	GND1	A 08	A 02	GND1	A 07	A 03	GND1	A 06	A 04	GND1	A 05	A 05	GND2	A 04	A 06	GND2	A 03	A 07	GND2	A 02	A 08	GND2	A 01
B 01	TX1+	B 08	B 02	TX5+	B 07	B 03	TX9+	B 06	B 04	TX13+	B 05	B 05	RX13+	B 04	B 06	RX09+	B 03	B 07	RX05+	B 02	B 08	RX01+	B 01
C 01	TX1-	C 08	C 02	TX5-	C 07	C 03	TX9-	C 06	C 04	TX13-	C 05	C 05	RX13-	C 04	C 06	RX09-	C 03	C 07	RX05-	C 02	C 08	RX01-	C 01
D 01	GND1	D 08	D 02	GND1	D 07	D 03	GND1	D 06	D 04	GND1	D 05	D 05	GND2	D 04	D 06	GND2	D 03	D 07	GND2	D 02	D 08	GND2	D 01
E 01	GND1	E 08	E 02	GND1	E 07	E 03	GND1	E 06	E 04	GND1	E 05	E 05	GND2	E 04	E 06	GND2	E 03	E 07	GND2	E 02	E 08	GND2	E 01
F 01	TX2+	F 08	F 02	TX6+	F 07	F 03	TX10+	F 06	F 04	TX14+	F 05	F 05	RX14+	F 04	F 06	RX10+	F 03	F 07	RX06+	F 02	F 08	RX02+	F 01
G 01	TX2-	G 08	G 02	TX6-	G 07	G 03	TX10-	G 06	G 04	TX14-	G 05	G 05	RX14-	G 04	G 06	RX10-	G 03	G 07	RX06-	G 02	G 08	RX02-	G 01
H 01	GND1	H 08	H 02	GND1	H 07	H 03	GND1	H 06	H 04	GND1	H 05	H 05	GND2	H 04	H 06	GND2	H 03	H 07	GND2	H 02	H 08	GND2	H 01
J 01	GND1	J 08	J 02	GND1	J 07	J 03	GND1	J 06	J 04	GND1	J 05	J 05	GND2	J 04	J 06	GND2	J 03	J 07	GND2	J 02	J 08	GND2	J 01
K 01	TX3+	K 08	K 02	TX7+	K 07	K 03	TX11+	K 06	K 04	TX15+	K 05	K 05	RX15+	K 04	K 06	RX11+	K 03	K 07	RX07+	K 02	K 08	RX03+	K 01
L 01	TX3-	L 08	L 02	TX7-	L 07	L 03	TX11-	L 06	L 04	TX15-	L 05	L 05	RX15-	L 04	L 06	RX11-	L 03	L 07	RX07-	L 02	L 08	RX03-	L 01
M 01	GND1	M 08	M 02	GND1	M 07	M 03	GND1	M 06	M 04	GND1	M 05	M 05	GND2	M 04	M 06	GND2	M 03	M 07	GND2	M 02	M 08	GND2	M 01
N 01	GND1	N 08	N 02	GND1	N 07	N 03	GND1	N 06	N 04	GND1	N 05	N 05	GND2	N 04	N 06	GND2	N 03	N 07	GND2	N 02	N 08	GND2	N 01
P 01	TX4+	P 08	P 02	TX8+	P 07	P 03	TX12+	P 06	P 04	TX16+	P 05	P 05	RX16+	P 04	P 06	RX12+	P 03	P 07	RX08+	P 02	P 08	RX04+	P 01
Q 01	TX4-	Q 08	Q 02	TX8-	Q 07	Q 03	TX12-	Q 06	Q 04	TX16-	Q 05	Q 05	RX16-	Q 04	Q 06	RX12-	Q 03	Q 07	RX08-	Q 02	Q 08	RX04-	Q 01
R 01	GND1	R 08	R 02	GND1	R 07	R 03	GND1	R 06	R 04	GND1	R 05	R 05	GND2	R 04	R 06	GND2	R 03	R 07	GND2	R 02	R 08	GND2	R 01
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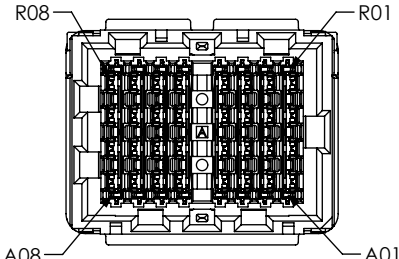


J1



J1

J2



J2

TABLE 12		
NET COUNT		
TYPE	NETS	POINTS
POINT TO POINT	64	128
GNDX	2	128

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DESCRIPTION:

DWG. NO.
NVCF-XX-XX-V-X-XX-X-X-X-X-X

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