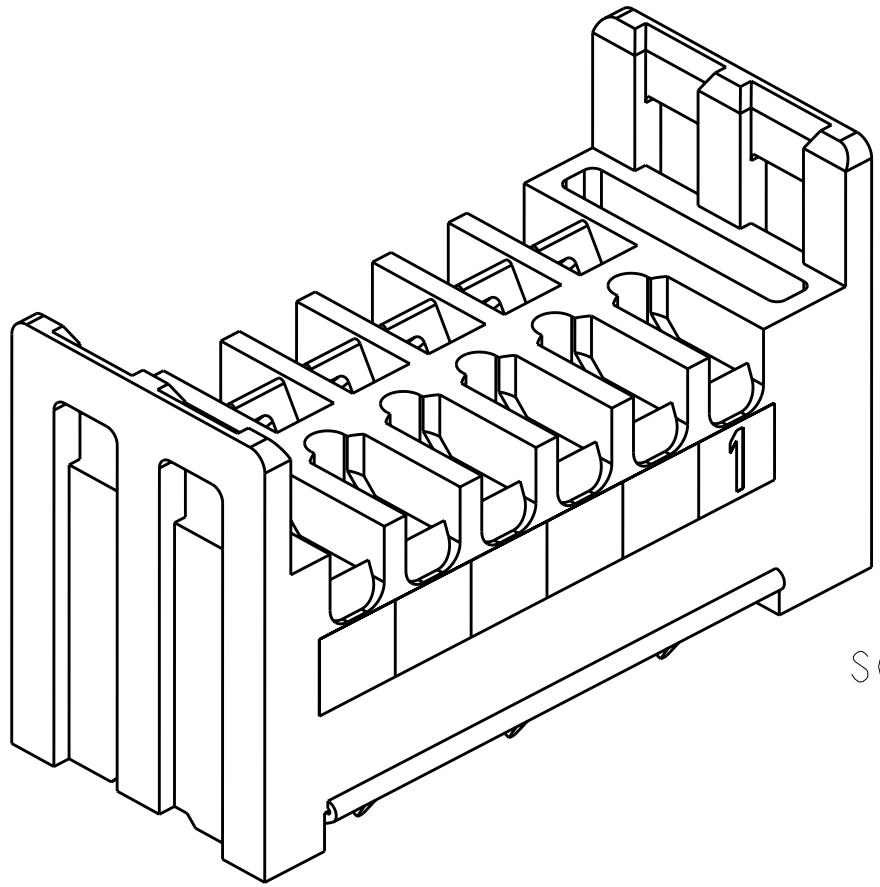
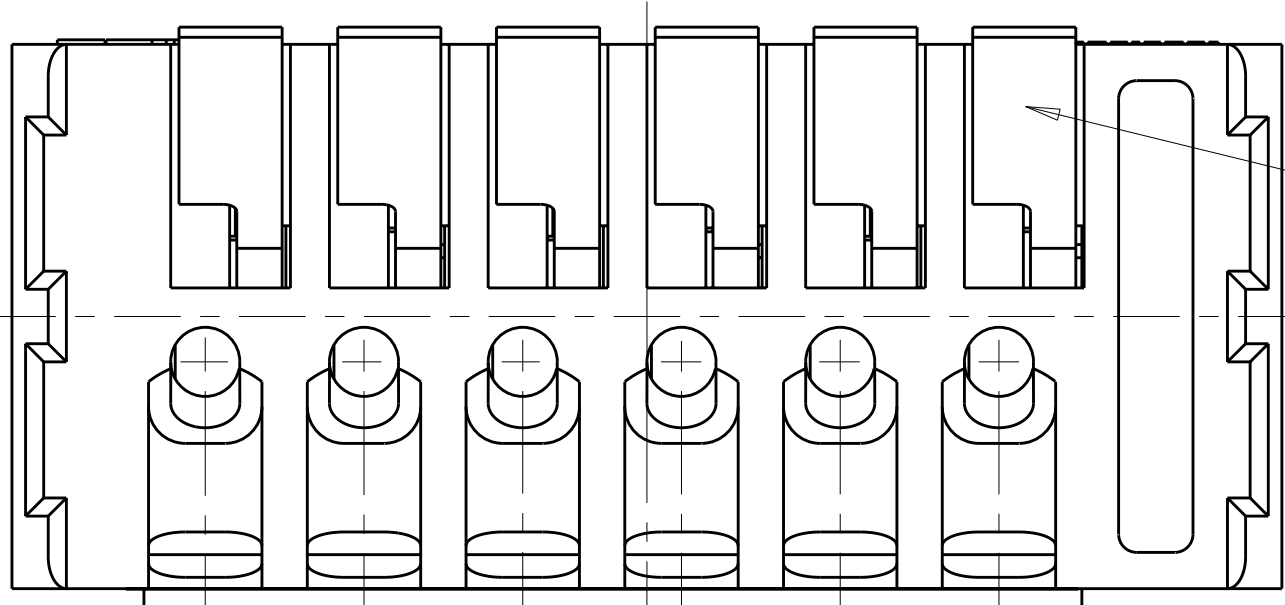




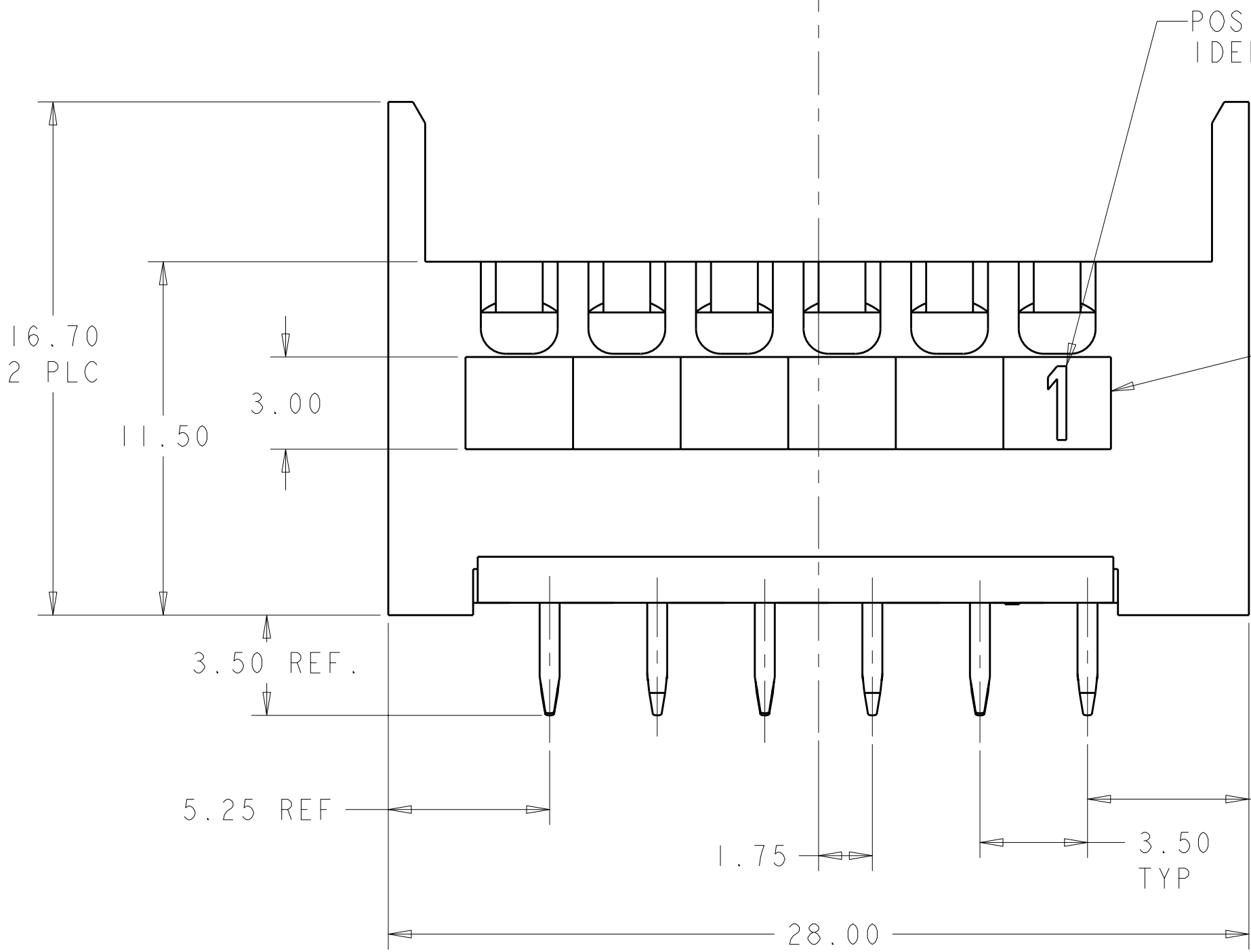
SCALE 4:1

1. TYPICAL CONNECTOR AS SHOWN ON THIS SHEET. SEE SHEET 2 FOR CONNECTOR PART NO WITH SELECT CONTACT LOADING, AND COLOR CODED LABELING.
2. MATERIAL; HOUSING: NYLON, ULV0 RATED; COLOR, NATURAL
CONTACTS: PHOSPHOR BRONZE.
3. FINISH: CONTACTS: PREPLATED TIN, 2.5um MIN
OVER 0.76um MIN NICKEL. CONTACT EDGES WILL BE UNPLATED.
4. ACCEPTACLE WIRE SIZE: 18AWG SOLID, 2.35 MAX INSULATION
DIAMETER, 9.50±1.00 STRIP LENGTH
5. THE PCBs ARE VIEWED FROM THE CONNECTOR
MOUNTING SIDE. CONNECTOR IS DESIGNED FOR USE IN A
1.575±0.178 THICK PCB.
6. CONNECTOR CAN BE USED IN COMBINATION WITH WIRE STRAIN
RELIEF COVER, PART NOS 1604957-1 AND 1604957-2.



WIRE RELEASE BUTTON
6 PLC

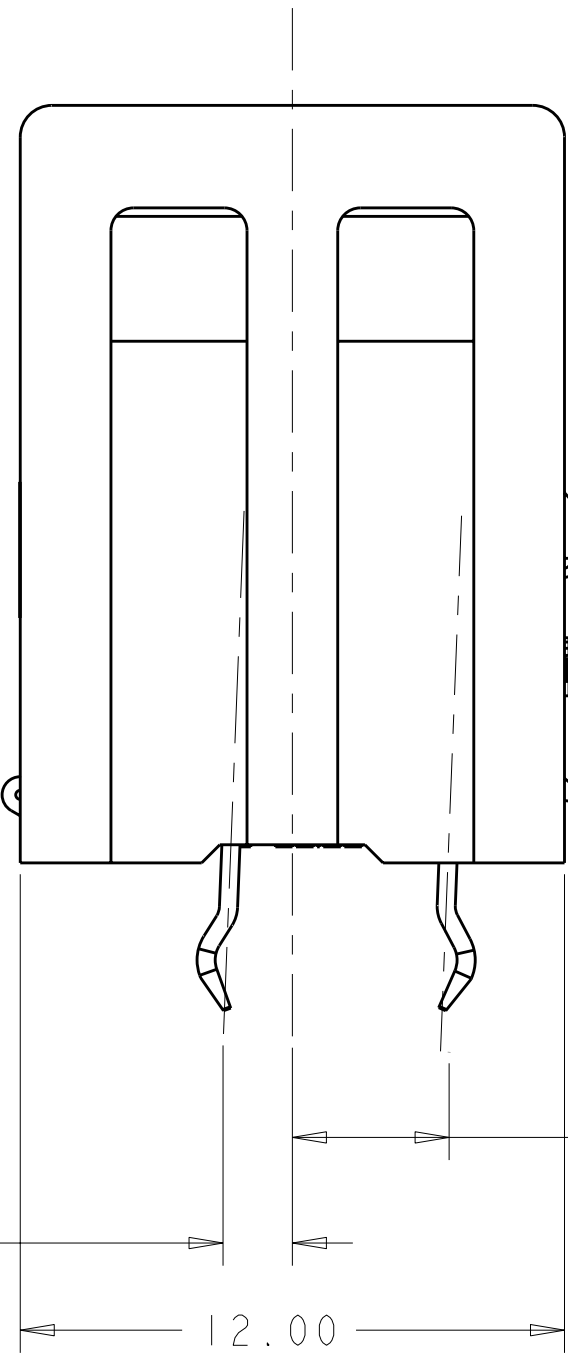
0.76
3.50
TYP



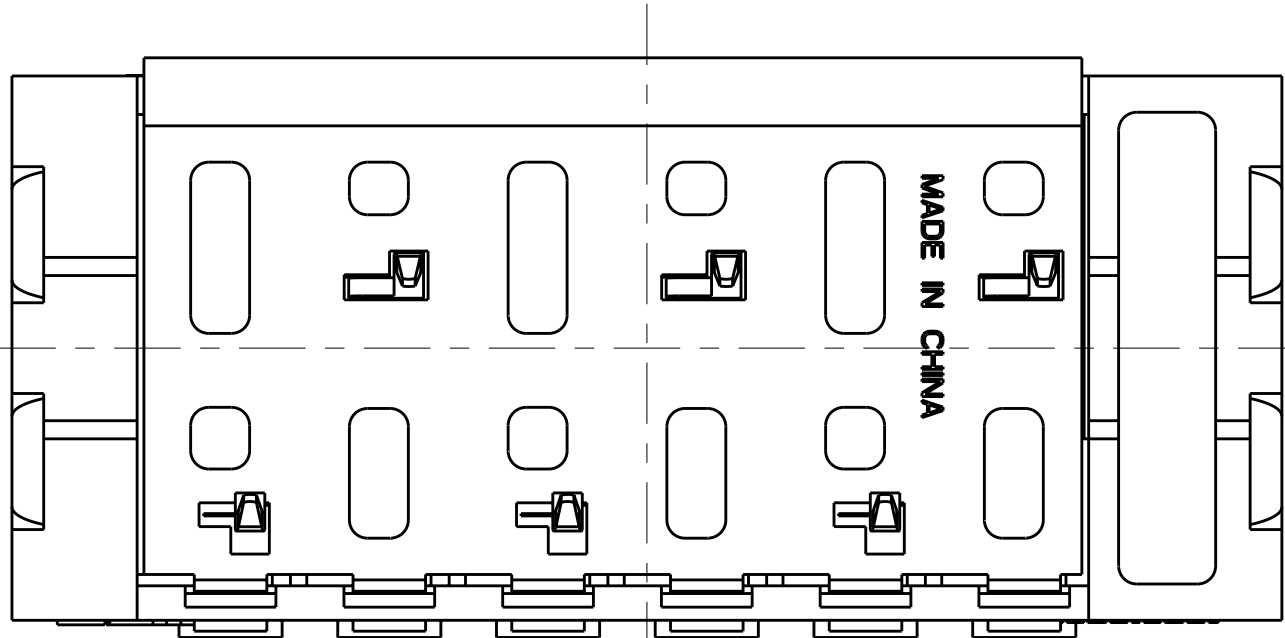
POSITION NO. 1
IDENTIFICATION

COLOR CODED
LABEL

16.70
2 PLC
11.50
3.00
3.50 REF.
5.25 REF
1.75
3.50
TYP
28.00



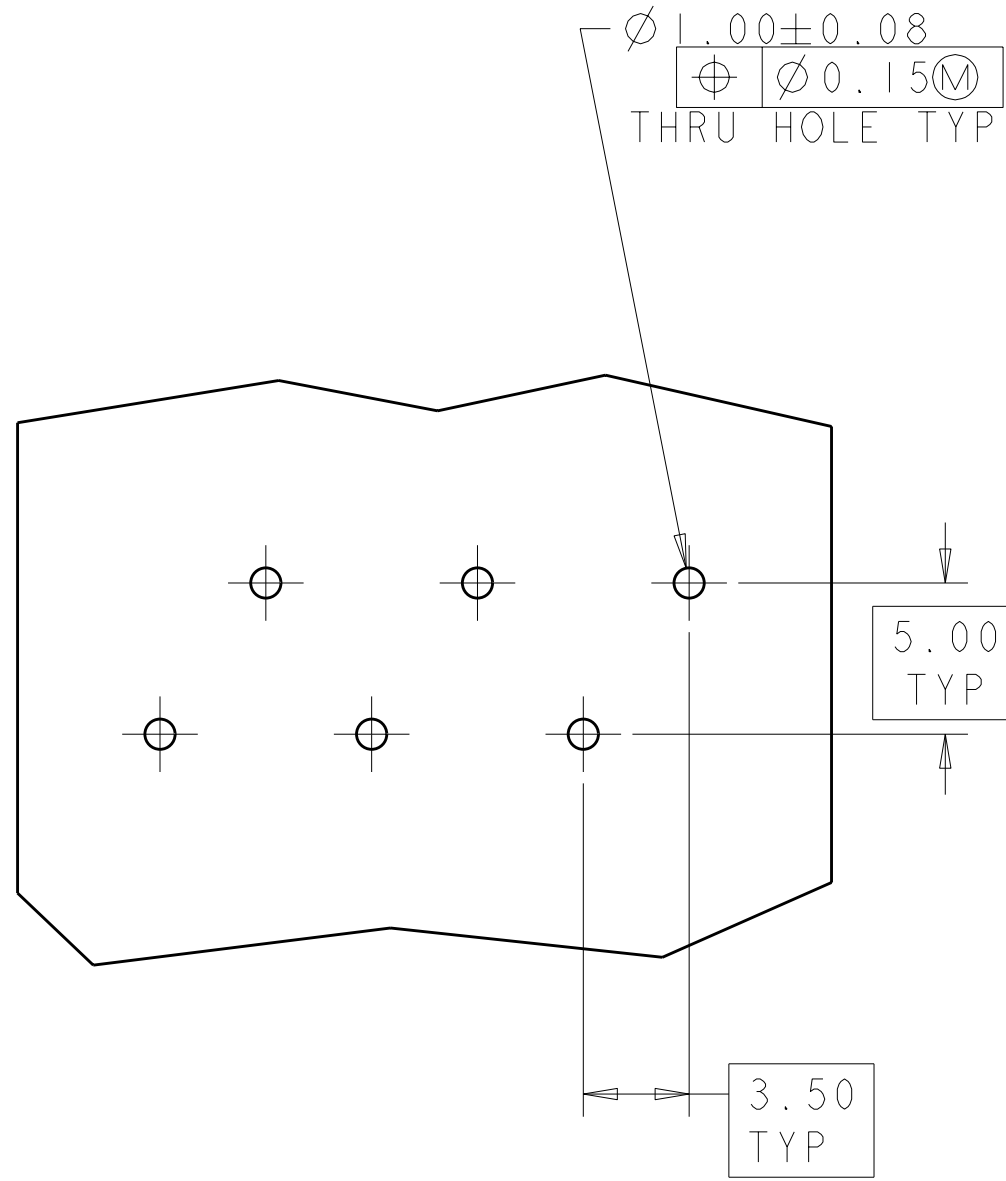
5.25 REF
1.30 TYP
12.00
3.70 TYP



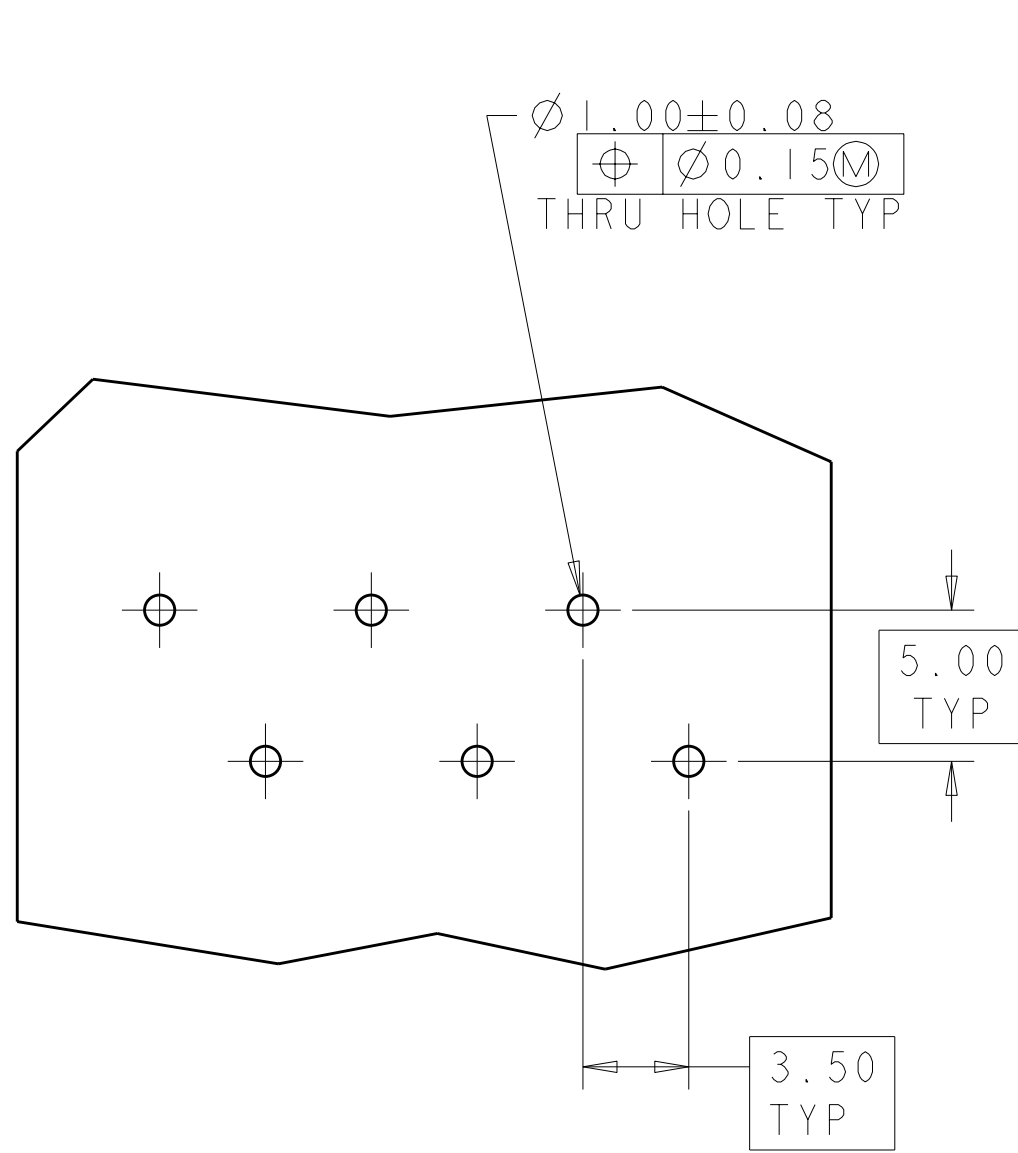
MADE IN CHINA

COLOR TEXT SHOWN FOR REFERENCE ONLY.
POSITION 1 WILL HAVE NUMERAL 1 .
SEE TABLE ON SHEET 2 FOR COLOR CODE.

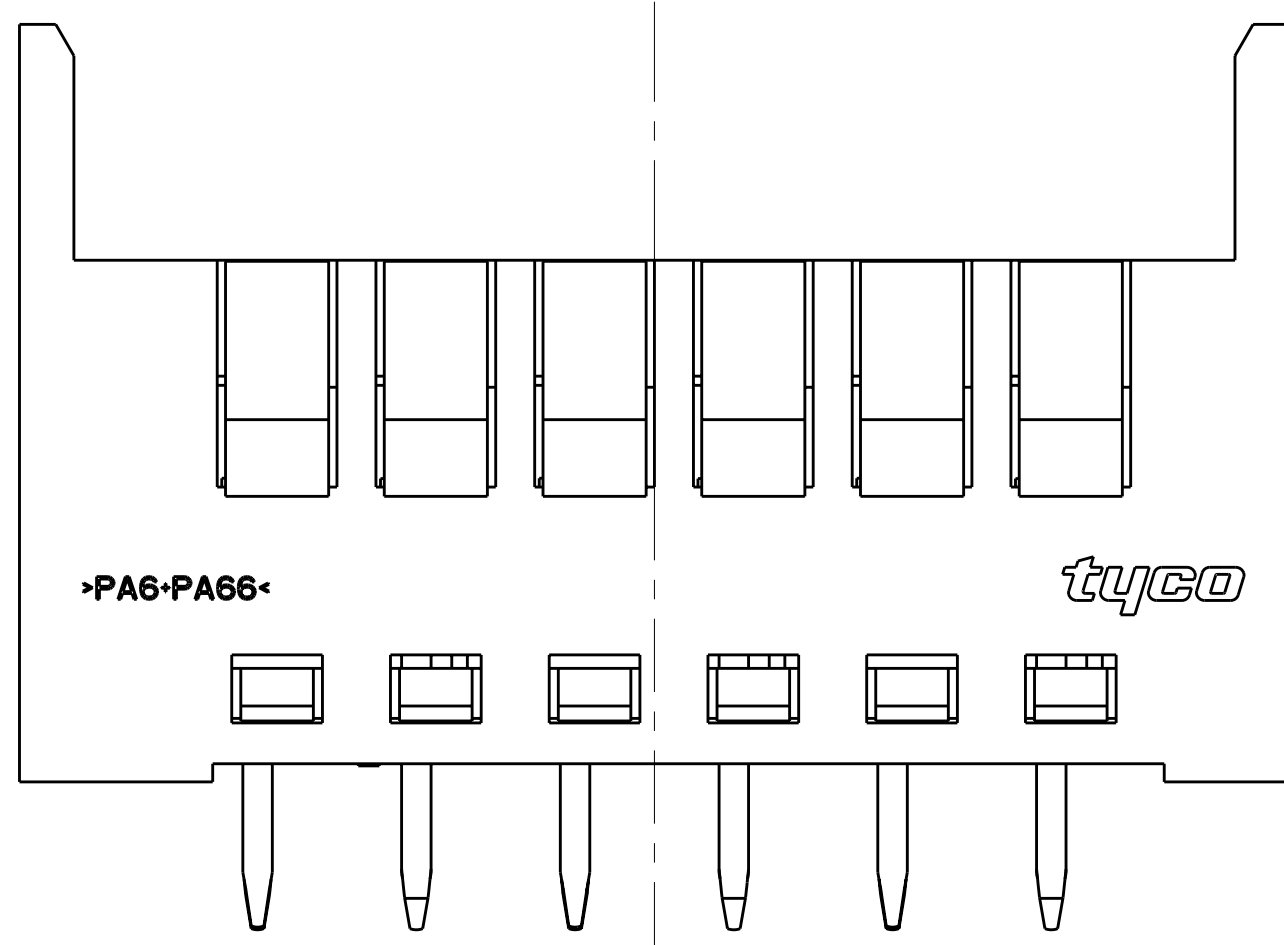
8. RoHS COMPLIANT.



PCB FOOTPRINT SCHEME A
SCALE 4:1



PCB FOOTPRINT SCHEME B
SCALE 4:1



PA6-PA66

tyco

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PROPOSED DESIGN
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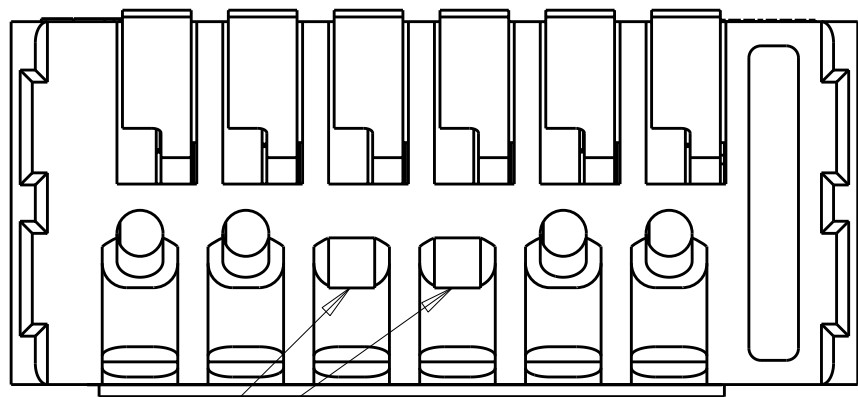
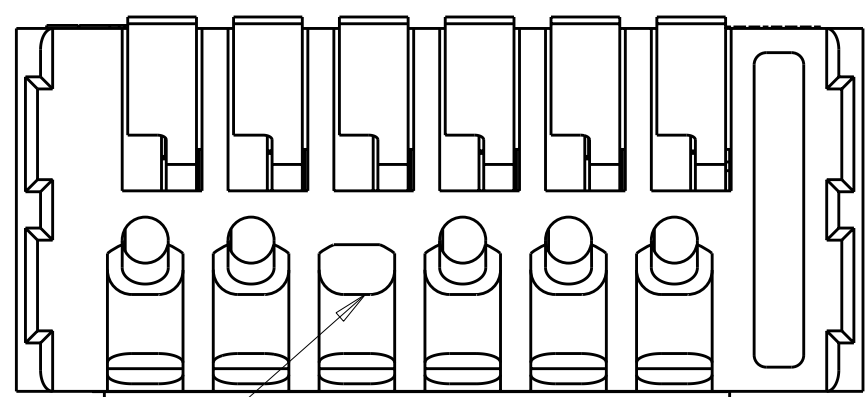
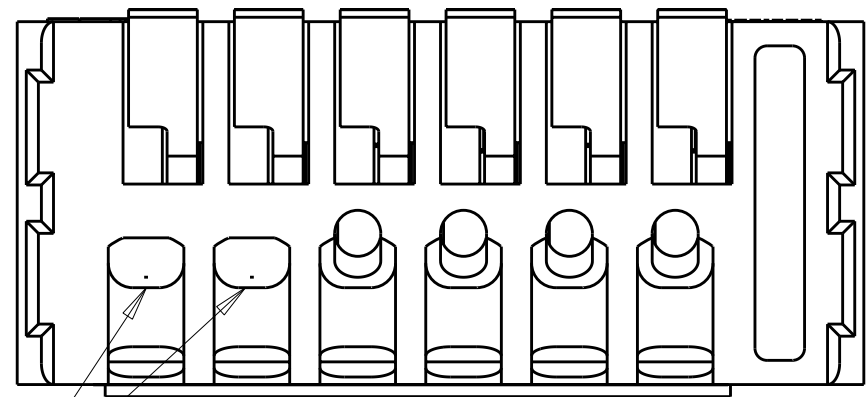
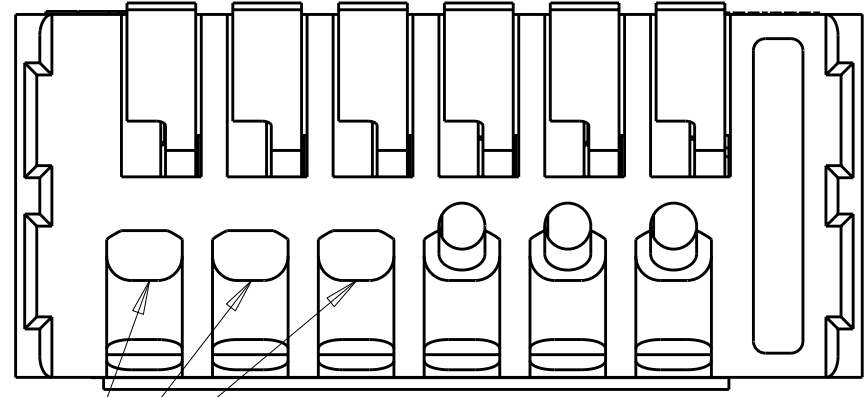
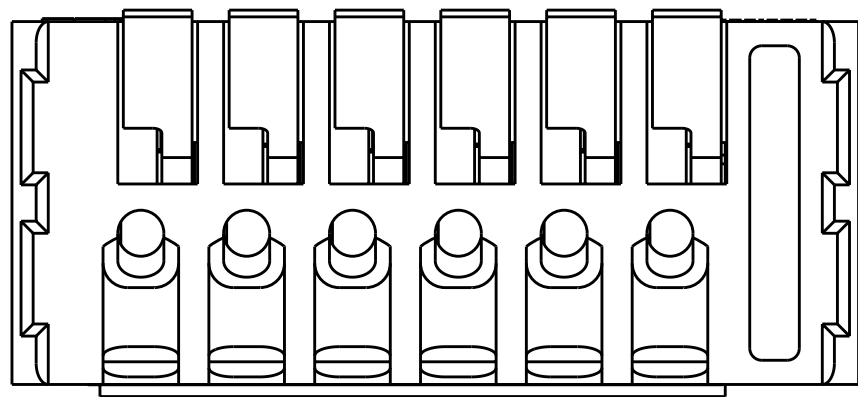
DESIGN IS SUBJECT TO
CHANGE WITHOUT NOTICE

TYCO ELECTRONICS CORPORATION 1111 BROADVIEW AVENUE HARRISBURG, PA 17105-3608 TEL: 717/312-1000 FAX: 717/312-1001 WWW.TYCOELECTRONICS.COM		OWN C. DAILY CHK N. RATE APVD - NAME - DATE 02JUN05	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.13 3 PLC ± 4 PLC ± ANGLES ± FINISH -		PRODUCT SPEC APPLICATION SPEC
MATERIAL -		WEIGHT -		SIZE A1
CUSTOMER DRAWING		CAGE CODE 00779		DRAWING NO 1877086
		SCALE 6:1		SHEET 1 OF 2
				REV 2

1877086-8
1877086-7
1877086-6
1877086-5
1877086-4
1877086-3
1877086-2
1877086-1

PART NO

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

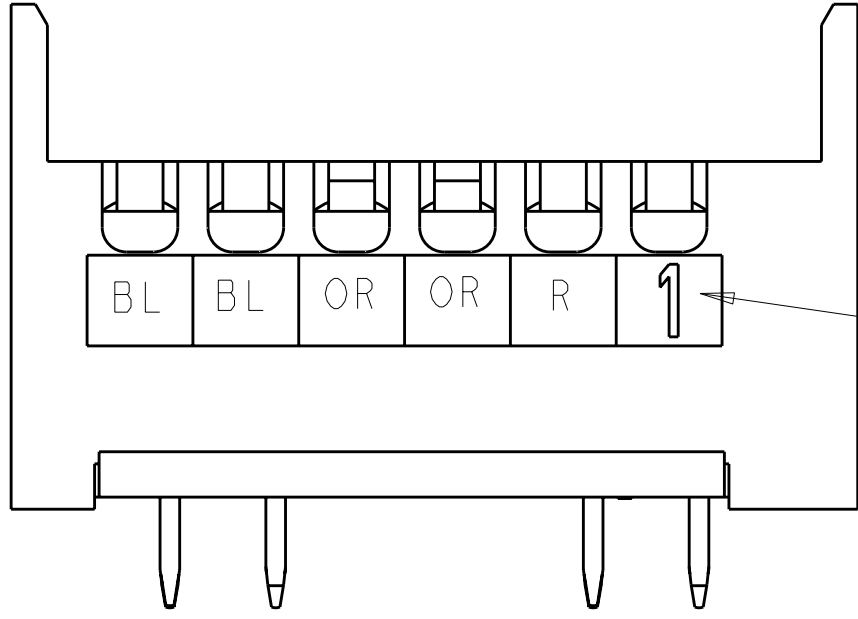
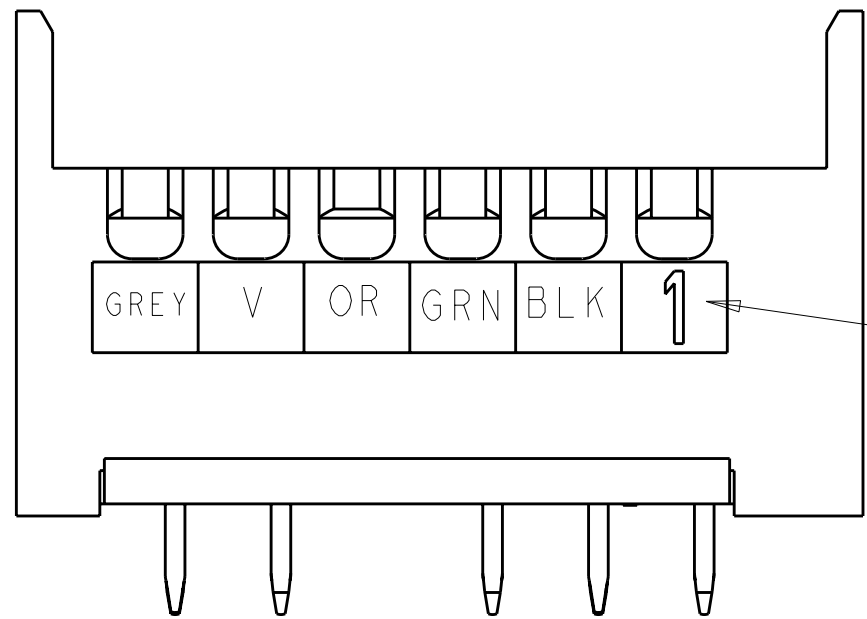
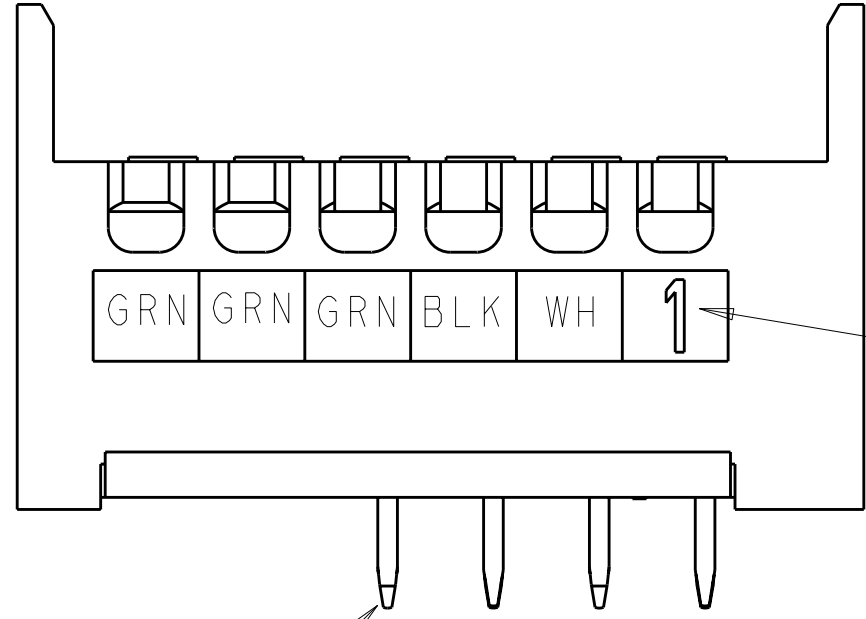
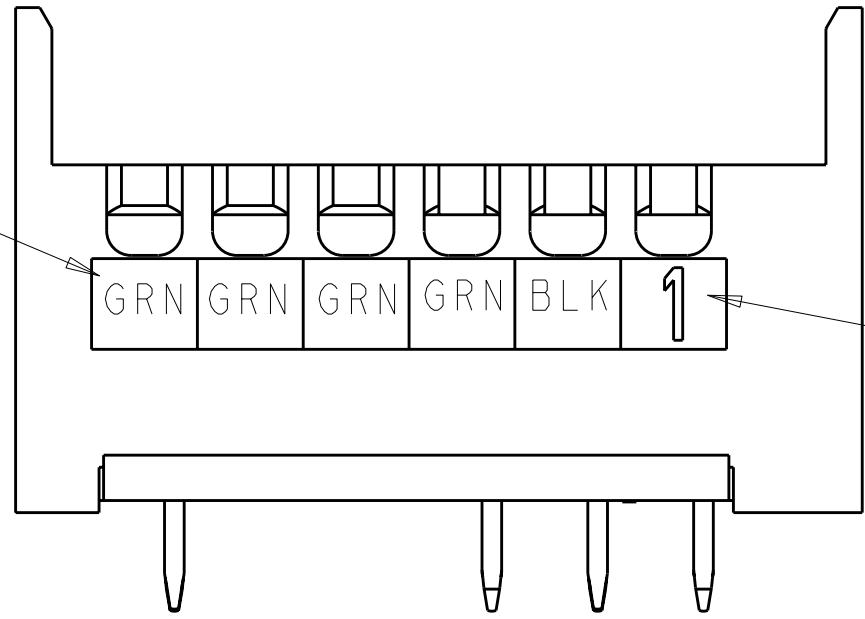
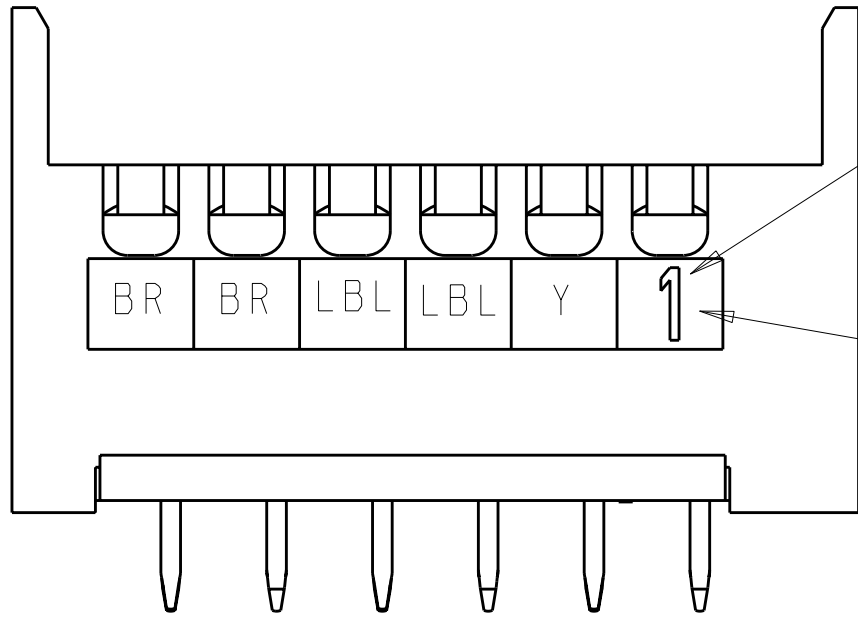


CLOSED WIRE
ENTRANCES

CLOSED WIRE
ENTRANCES

CLOSED WIRE
ENTRANCE

CLOSED WIRE
ENTRANCES



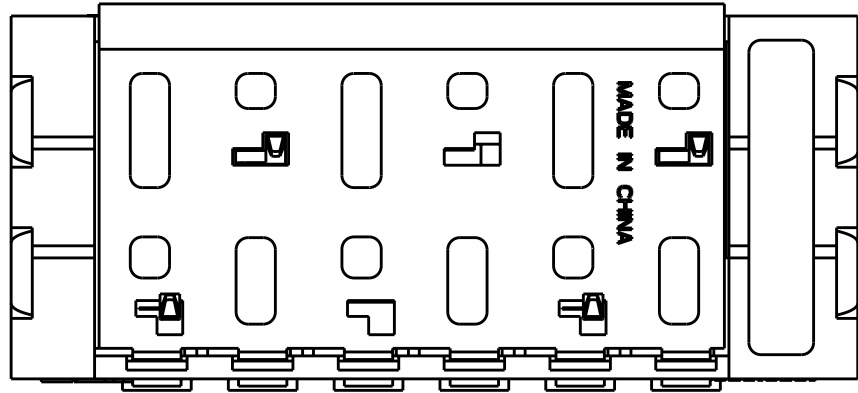
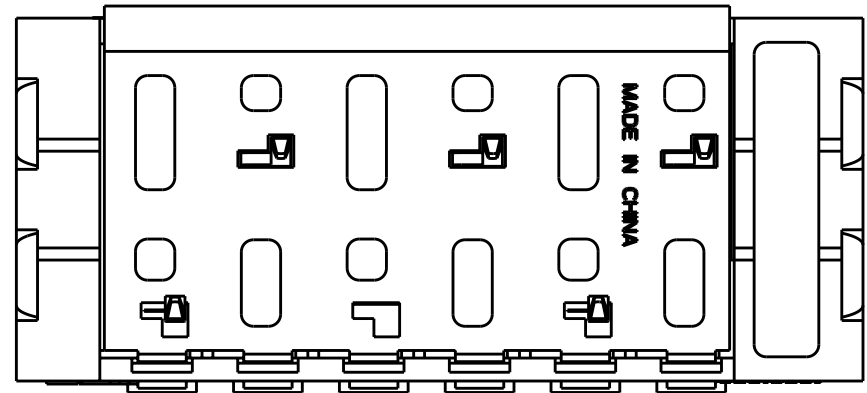
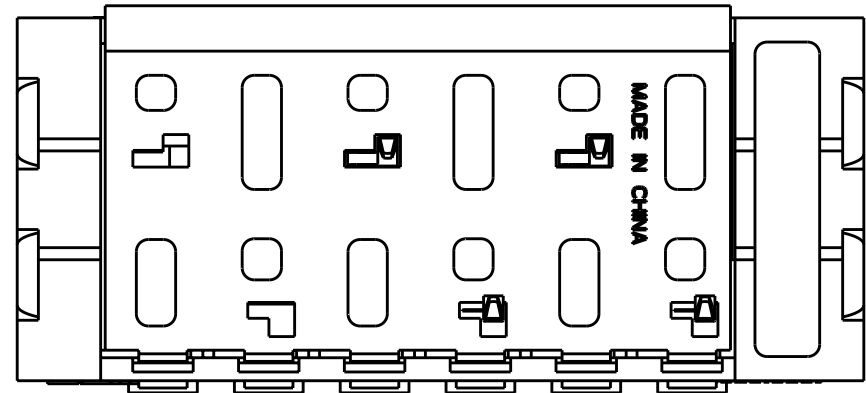
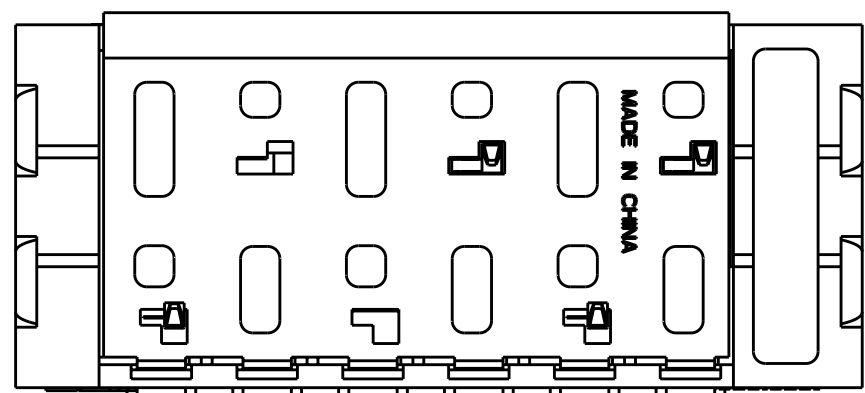
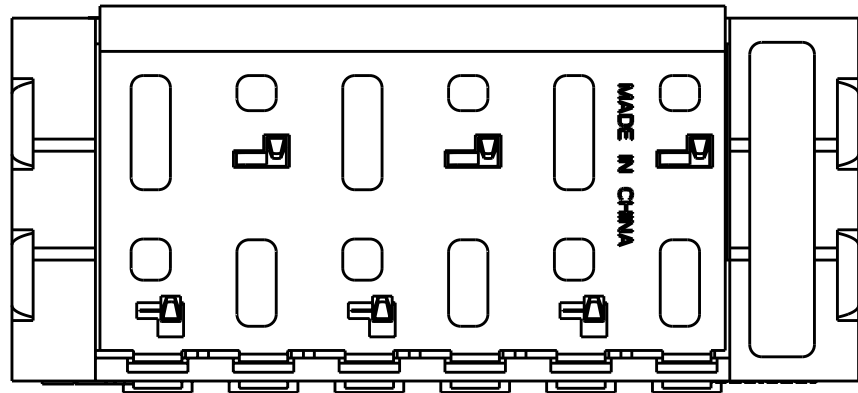
CONTACTS FULLY
LOADED

CONTACTS
SELECTIVELY
LOADED

CONTACTS
SELECTIVELY
LOADED

CONTACTS
SELECTIVELY
LOADED

CONTACTS
SELECTIVELY
LOADED



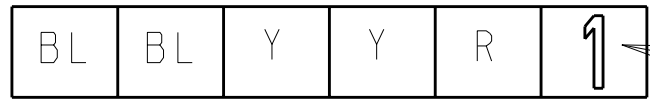
1877086-1
USE PCB SCHEME B

1877086-4
USE PCB SCHEME B

1877086-5
USE PCB SCHEME A

1877086-7
USE PCB SCHEME B

1877086-8
USE PCB SCHEME B



1877086-2
SAME AS 1877086-1,
EXCEPT FOR LABEL,
AS SHOWN



1877086-3
SAME AS 1877086-1,
EXCEPT FOR LABEL,
AS SHOWN



1877086-6
SAME AS 1877086-5,
EXCEPT FOR LABEL,
AS SHOWN

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CHANGE WITHOUT NOTICE

BLUE	BLUE	ORANGE	ORANGE	RED	RED	1877086-8
GREY	VIOLET	ORANGE	GREEN	BLACK	WHITE	1877086-7
ORANGE	ORANGE	GREEN	BLACK	WHITE	GREY	1877086-6
GREEN	GREEN	GREEN	BLACK	WHITE	GREY	1877086-5
GREEN	GREEN	GREEN	GREEN	BLACK	WHITE	1877086-4
BLUE	BLUE	ORANGE	ORANGE	RED	RED	1877086-3
BLUE	BLUE	YELLOW	YELLOW	RED	RED	1877086-2
BROWN	BROWN	LT.BLUE	LT.BLUE	YELLOW	YELLOW	1877086-1
POSN NO 6 COLOR	POSN NO 5 COLOR	POSN NO 4 COLOR	POSN NO 3 COLOR	POSN NO 2 COLOR	POSN NO 1 COLOR	PART NO

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN C. DAILY 02JUN05		Tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608	
MATERIAL		FINISH		CHK N. PATEL APVD		NAME	
9 PLC 1 PLC 2 PLC 3 PLC 4 PLC		± ± ±0.13 ± ±		PRODUCT SPEC		ASSEMBLY, 8 SEGMENT, EXTERNAL BALLAST CONNECTOR	
APPLIC		APPLIC		APPLIC		SIZE CAGE CODE DRAWING NO	
WEIGHT		WEIGHT		A1 00779		C=1877086	
CUSTOMER DRAWING		CUSTOMER DRAWING		SCALE 6:1		SHEET 2 OF 2	
REV 2		REV 2		REV 2		REV 2	