



RoHS COMPLIANT



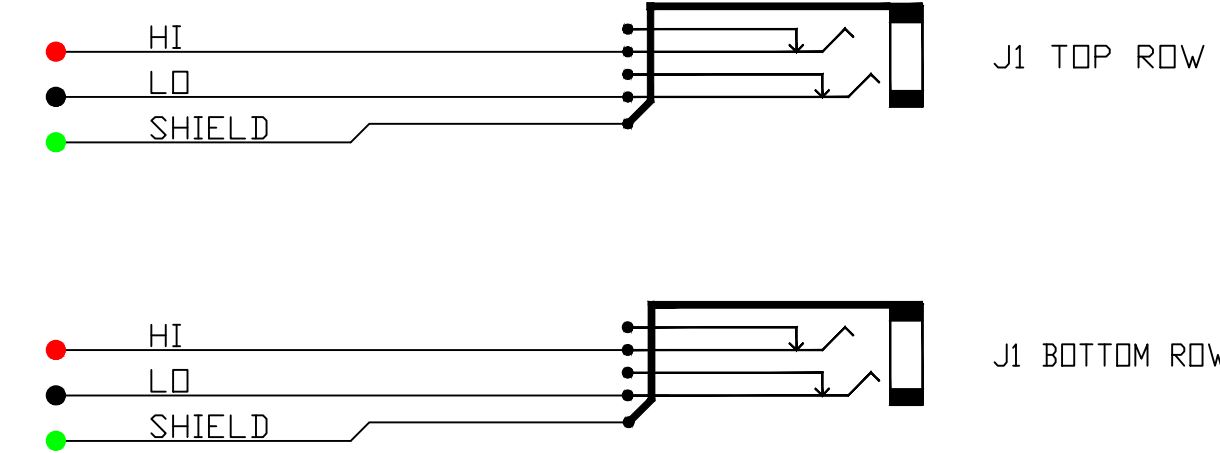
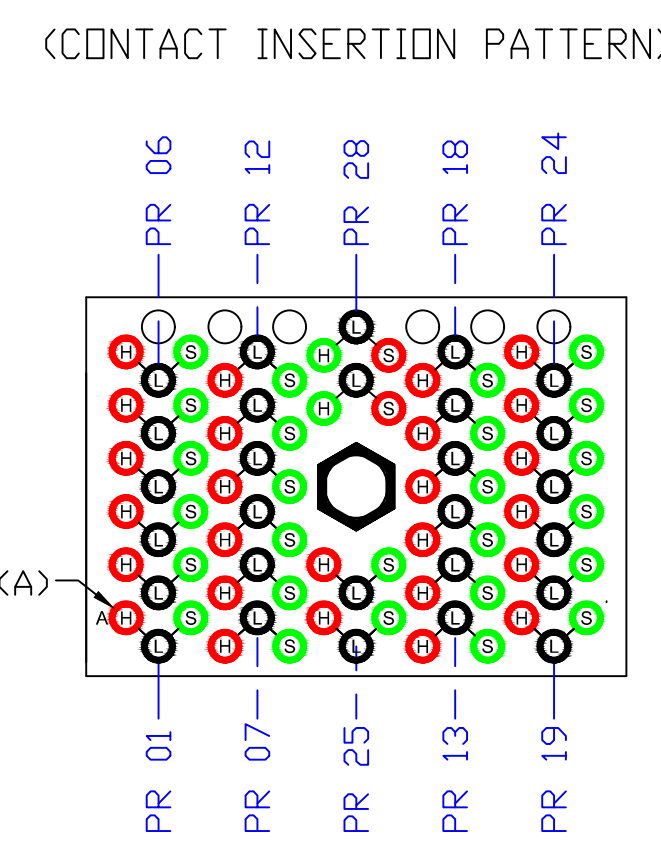
Bittree

PATCHING SYSTEMS

AUDIO, VIDEO, DATA
600 WEST ELK AVENUE
GLENDALE, CA. 91204
TEL 818 500-8142
FAX 818 500-7062
WWW.BITTREE.COM

E90 PIN-OUT

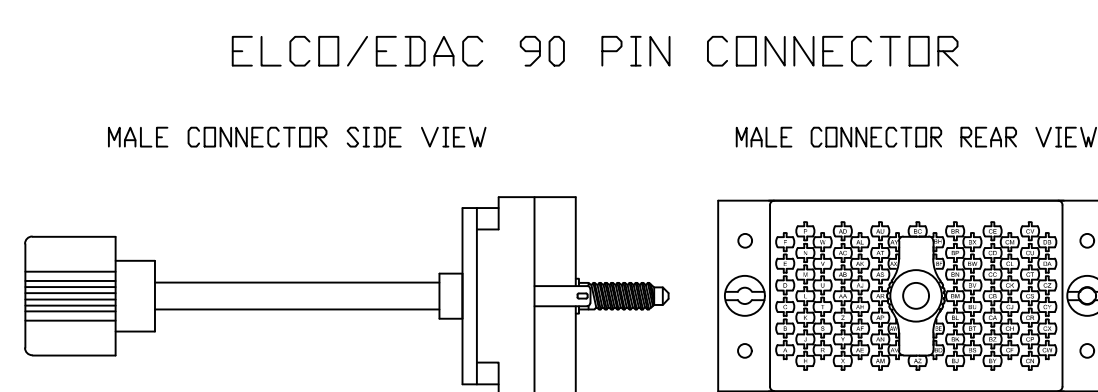
| CHANNEL | RIGHT | DOWN | SHIELDS |
|---------|-------|------|---------|
| 1 | A | H | R |
| 2 | B | J | S |
| 3 | C | K | T |
| 4 | D | L | U |
| 5 | E | M | V |
| 6 | F | N | W |
| 7 | X | AE | AN |
| 8 | Y | AF | AP |
| 9 | Z | AH | AP |
| 10 | AA | AJ | AS |
| 11 | AB | AK | AS |
| 12 | AC | AL | AT |
| 13 | BJ | BS | BY |
| 14 | BK | BT | BZ |
| 15 | BL | BU | CA |
| 16 | BM | BV | CB |
| 17 | BN | BW | CC |
| 18 | BP | BX | CD |
| 19 | CP | CN | CW |
| 20 | CH | CP | CY |
| 21 | CH | CP | CY |
| 22 | CK | CS | CA |
| 23 | CL | CT | CA |
| 24 | CM | CU | CB |
| 25 | AM | AV | CB |
| 26 | AW | BA | BE |



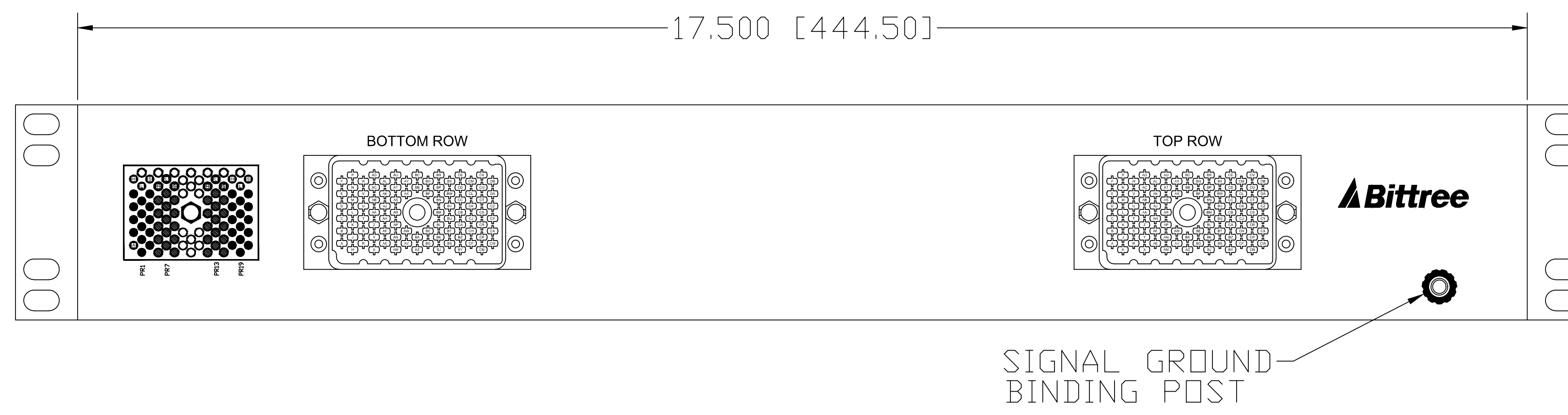
SCHEMATIC NON-NORMALED ISOLATED GND VIEW

TOOLS AND ACCESSORIES PART NUMBERS

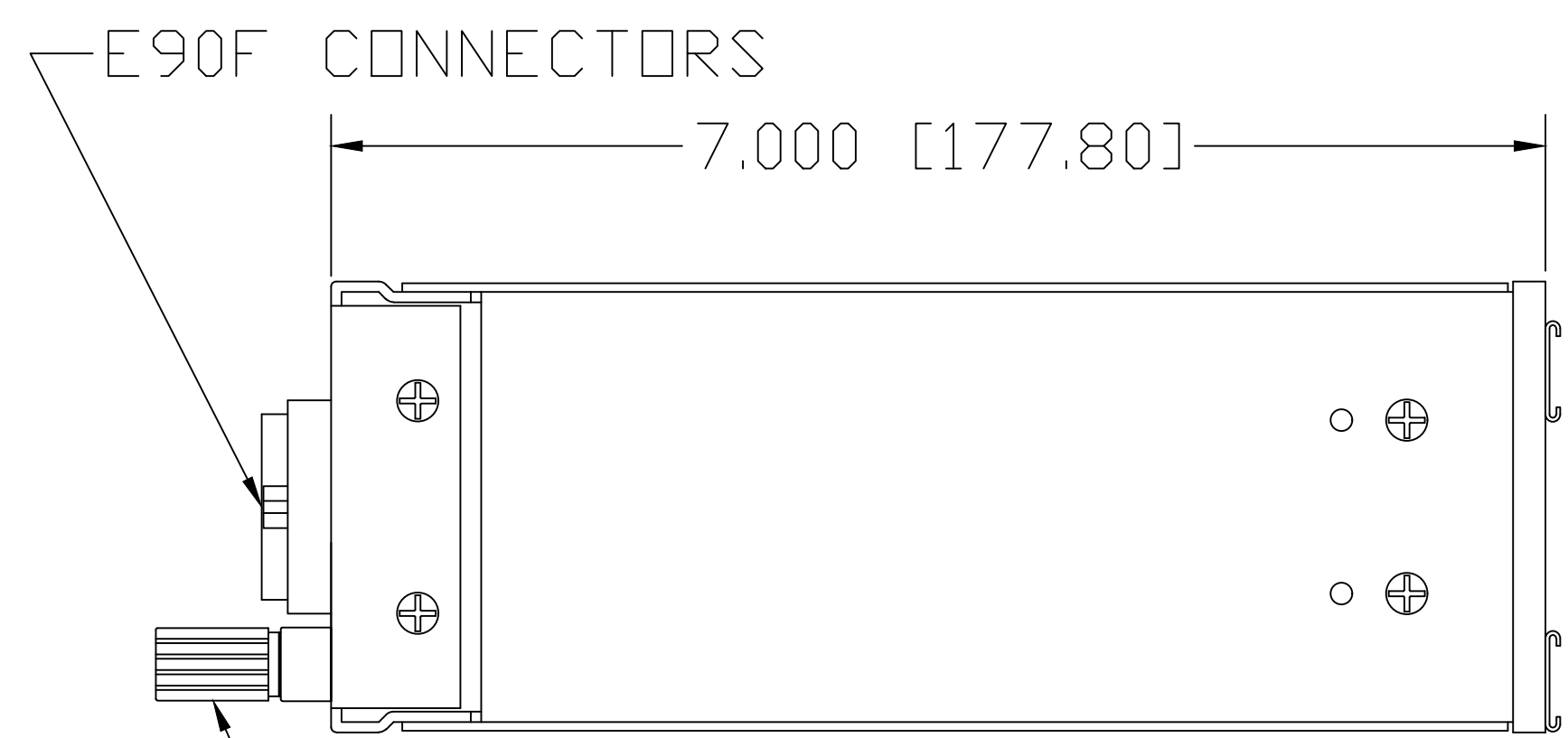
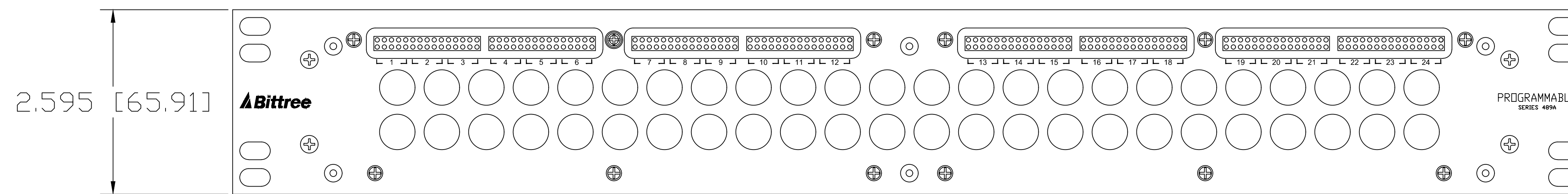
| DESCRIPTION | PART NUMBER |
|----------------------------------|-------------|
| CONTACT CRIMP TOOL | K2MA-01 |
| CONTACT REMOVAL TOOL | 516-280-300 |
| CONTACT INSERTION TOOL | 516-280-400 |
| 90 PIN MALE CONNECTOR WITH SCREW | E90MS |
| 90 PIN FEMALE CONNECTOR WITH NUT | E90FN |
| CONNECTOR CONTACTS (PINS) | EPIN |
| REPLACEMENT HARDWARE KIT | 9690R |
| PROGRAMMING SHUNTS (RED) | 382811-9 |
| PROGRAMMING SHUNTS (WHITE) | 382811-0 |



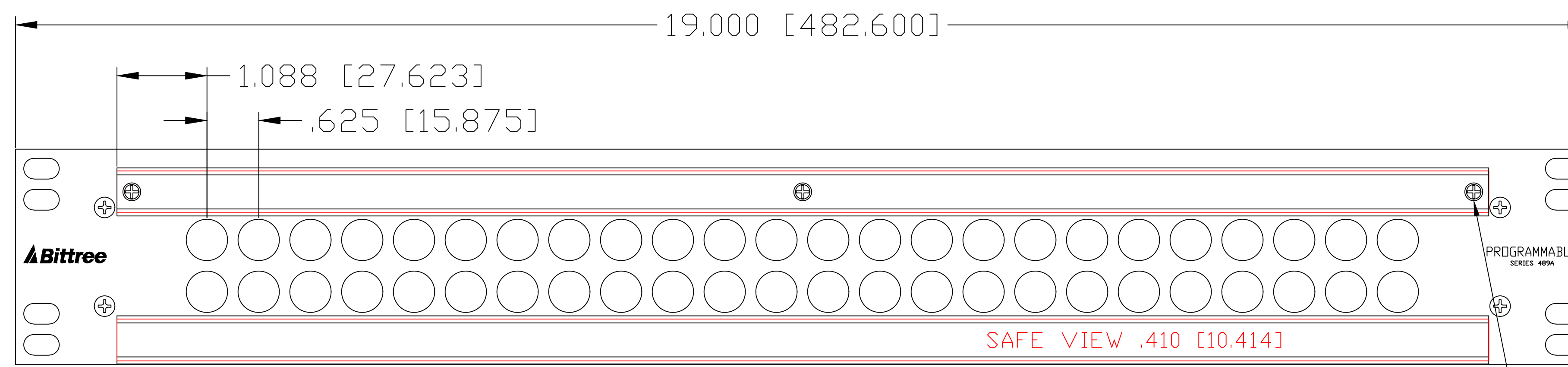
MATING HARDWARE SUPPLIED
FOR PURCHASE OF ADDITIONAL MATING HARDWARE
SEE ACCESSORIES DRAWING FOR PART NUMBERS.



REAR VIEW



LEFT SIDE VIEW



FRONT VIEWS

| DESIGNATION: | PART NBR. | DIMENSIONS |
|----------------------------|-------------|---------------------------------|
| STAINLESS STEEL HOLDERS: | DS580-10/S, | .580 [14.732] x 16.56 [420.620] |
| TRANSLUCENT LEXAN INSERTS: | DS580-10/P, | .505 [12.827] x 16.56 [420.624] |
| WHITE STYRENE INSERTS: | DS580-10/D, | .505 [12.827] x 16.56 [420.624] |

REMOVE SCREWS TO ACCESS PROGRAMMING SHUNTS (3X)

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DWG. NO.: B48DCNNPIHE90M2DU7L

PART NO.: B48DC-NNPIH/E90 M2DU7L

DESIGNATION: DS580-10SA-ASSY

LAYER (DS_INSERT) IS PROVIDED FOR THE CREATION OF LEGEND STRIPS FOR THIS PATCHBAY. THE RED OUTLINE MATCHES THE SIZE OF INSERT. PLEASE NOTE THE VIEWABLE AREA IS LISTED IN NOTES BELOW THE FRONT PANEL VIEW.

DWG. SCALE: FULL

PDF. SCALE: NONE

ALL POSSIBLE CARE HAS BEEN TAKEN IN PREPARING THIS SET OF DRAWINGS. STATEMENTS AND SPECIFICATIONS ARE BELIEVED TRUE BUT CANNOT BE GUARANTEED AND THEREFORE WE ARE NOT RESPONSIBLE FOR ANY INACCURACIES. THIS DOCUMENT SHOULD BE USED AS THE BASIS FOR DESIGN OR TO ESTABLISH SPECIFICATION LIMITS.

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NOTE: DS_INSERT LAYER IS A SCALED 1:1 LABEL INSERT OUTLINE

| | | | |
|-------|------------------|----------|----------|
| REV.: | DATE: 11/14/2017 | BY: G.S. | CHANGES: |
|-------|------------------|----------|----------|