

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	48458MD-C6AC	JUN'16	

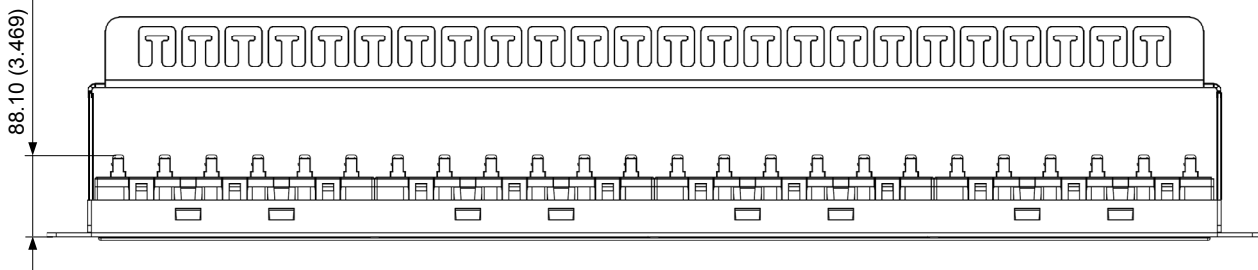
NOTES:

MECHANICAL:

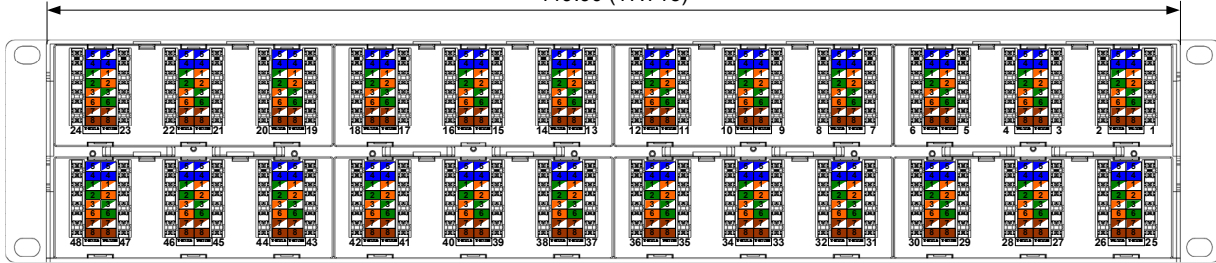
- PANEL HOUSING: SAE 1010 1.6 MM (0.063 IN), BLACK PAINT COATING
- JACK HOUSING: HIGH-IMPACT, FLAME-RETARDANT UL 94V-0 PLASTIC
- DURABILITY: 750 CYCLES MIN.
- IDC WIRE GAUGE: 22-24 AWG
- PLUG RETENTION: 50 N (11 LBF) FOR 60±5 S
- JACK SPRING WIRE: PHOSPHOR BRONZE, 50 µIN OF AU OVER 70-100 µIN OF NI
- IDC CONTACT: PHOSPHOR BRONZE ALLOY WITH 100 µIN OF 100% SN ALLOY
- STORAGE TEMPERATURE: -40 °C TO +70 °C (-40 °F TO +158 °F)
- OPERATION TEMPERATURE: -10 °C TO +60 °C (+14 °F TO +140 °F)
- OPERATION HUMIDITY: 93 % MAX. NON-CONDENSING

ELECTRICAL:

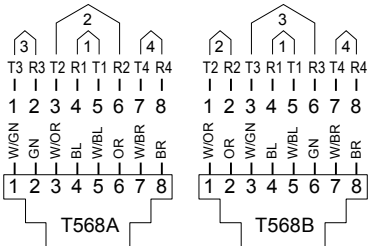
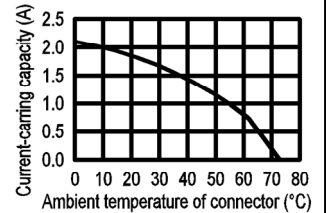
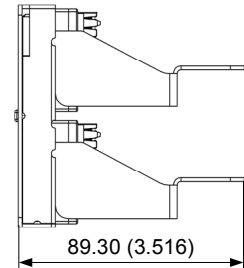
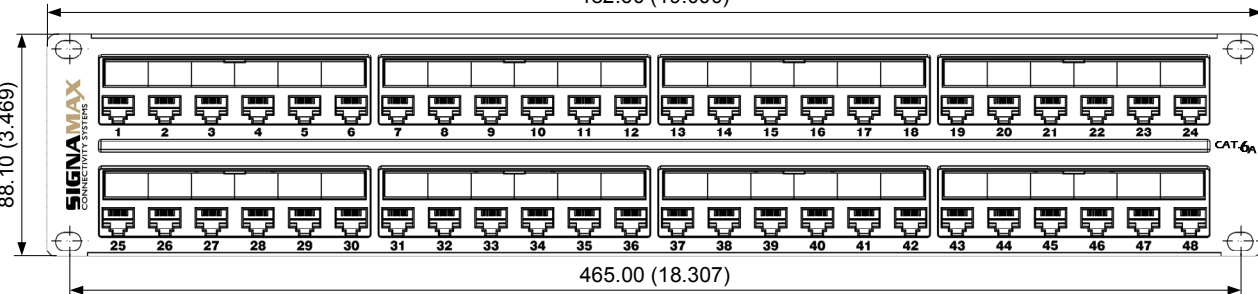
- TRANSMISSION PERFORMANCE: CATEGORY 6A PER ANSI/TIA-568-C.2
- INSULATION RESISTANCE: 500 MOHM MIN. @ 100 V_{DC}
- DIELECTRIC WITHSTANDING VOLTAGE: 1000 V_{AC/DC} PEAK CONTACT-TO-CONTACT @ 60 HZ FOR 1 MIN
- SPRING WIRE CONTACT RESISTANCE: 20 MOHM MAX.
- IDC CONTACT RESISTANCE: 2.5 MOHM MAX.
- CURRENT RATING: SEE FIGURE



449.90 (17.713)



482.60 (19.000)



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS (INCHES):
TOLERANCES IN MILLIMETERS (INCHES):
0.0 ± 0.016" ± 0.2 mm ± 1°
0.00 ± 0.008" ± 0.1 mm ± 30'
0.000 ± 0.004"

MATERIAL: AS NOTES
MECHANICAL: AS NOTES
ELECTRICAL: AS NOTES



PROJECT ID SPCS - PD		FILE SPCS-PD.48458MD-C6AC		JUN'16	
PROCESS	INITIALS	NAME	DATE		
DRAWN					
CHECK					
APPROVED					

999 NW 159 th Drive, Miami, FL 33169, PH: (305) 944-7710, FX: (305) 949-4483, www.signamax.com					
TITLE 48458MD-C6AC (CAT6A 48-PORT MD-SERIES PATCH PANEL)					
SIZE A	CAGE CODE	DWG. NO.		REV A	
SCALE 3:1	UNIT MM (IN)	SHEET 1 OF 1			