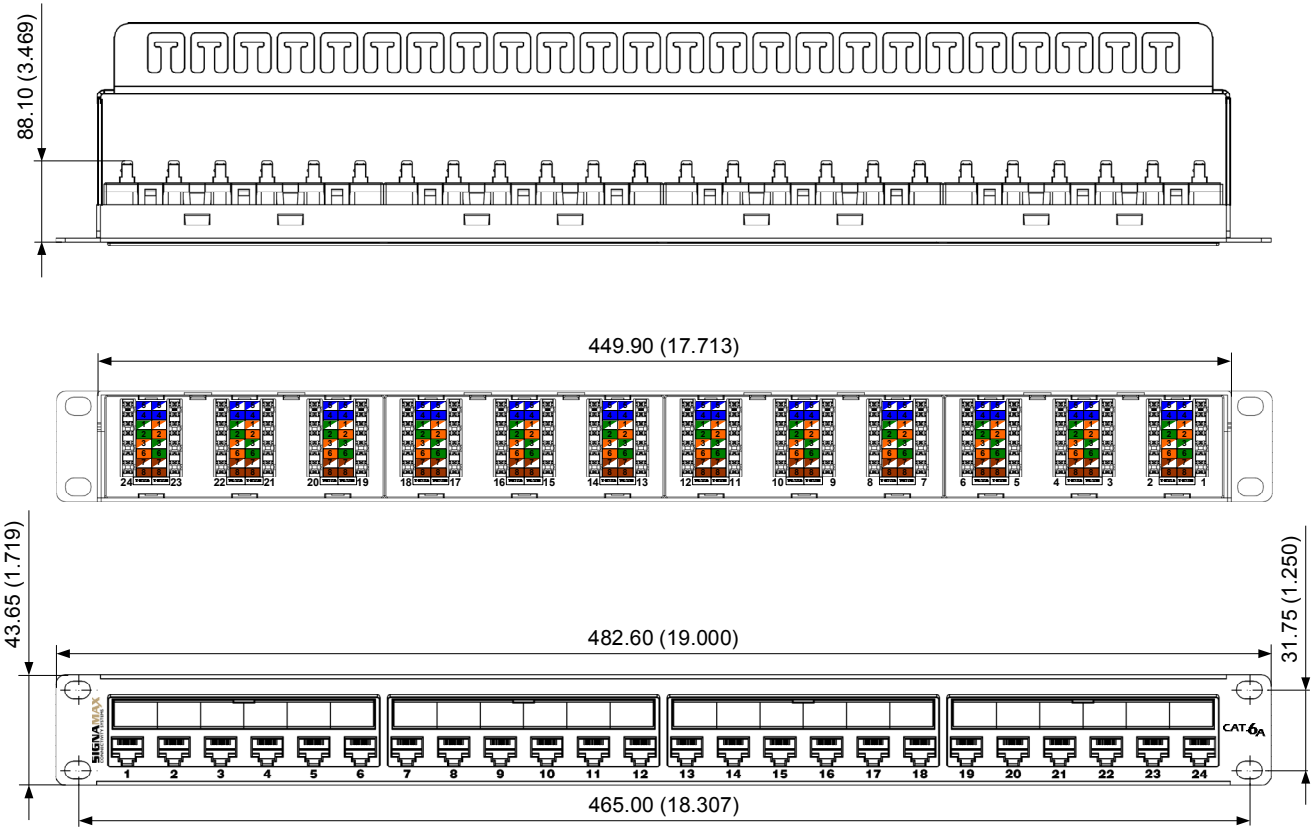
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	24458MD-C6AC	JUN'16	



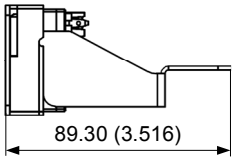
NOTES:

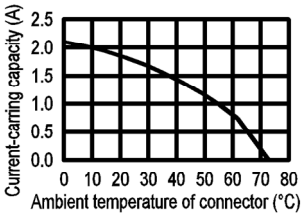
MECHANICAL:

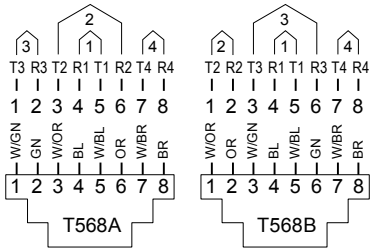
1. PANEL HOUSING: SAE 1010 1.6 MM (0.063 IN), BLACK PAINT COATING
2. JACK HOUSING: HIGH-IMPACT, FLAME-RETARDANT UL 94V-0 PLASTIC
3. DURABILITY: 750 CYCLES MIN.
4. IDC WIRE GAUGE: 22-24 AWG
5. PLUG RETENTION: 50 N (11 LBF) FOR 60±5 S
6. JACK SPRING WIRE: PHOSPHOR BRONZE, 50 µIN OF AU OVER 70-100 µIN OF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

ELECTRICAL:

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







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

SIGNAMAX CONNECTIVITY SYSTEMS™

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PROJECT ID SPCS - PD | FILE SPCS-PD.24458MD-C6AC | JUN'16

PROCESS	INITIALS	NAME	DATE
DRAWN			
CHECK			
APPROVED			

TITLE
24458MD-C6AC (CAT6A 24-PORT MD-SERIES PATCH PANEL)

SIZE	CAGE CODE	DWG. NO.	REV
A			A

SCALE 3:1 | UNIT MM (IN) | SHEET 1 OF 1