

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	A-JUN-15 12458JPL-C5E-DR	JUN'15	

NOTES:

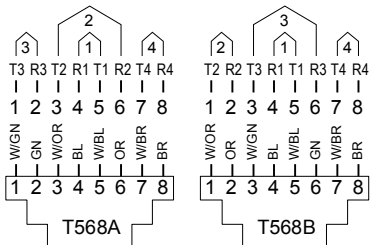
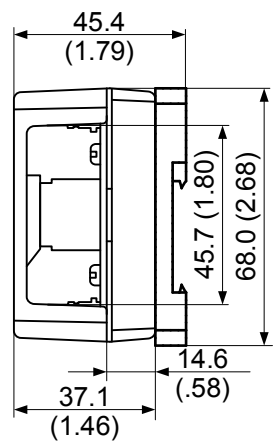
TRANSMISSION PERFORMANCE:
 1. ANSI/TIA-568-C.2, category 5e

ENVIRONMENTAL:
 1. Storage temperature: -40 °C-+70 °C (-40 °F-+158 °F)
 2. Operation temperature: -10 °C-+60 °C (+14 °F-+140 °F)
 3. RH (operation): max non-condensing 93 %

ELECTRICAL:
 1. Insulation resistance: min 500 MOhm @ 100 V_{dc}
 2. Dielectric withstanding voltage: 1000 V_{dc/ac} peak contact-to-contact @ 60 Hz for 1 min
 1500 V_{dc/ac} peak contact-to-panel @ 60 Hz for 1 min
 3. Spring wire contact resistance: max 20 mOhm
 4. IDC contact resistance: max 2.5 mOhm

MECHANICAL:
 1. Retention: 50 N (11 lbf) for 60 ± 5 s
 2. Mating cycle life: min 750 cycles
 3. IDC wire gauge: 22-24 AWG (0.644-0.511 mm)

CONSTRUCTION:
 1. Housing:
 body: high-impact 94V-0 flame-retardant plastic
 legs: SAE 1010 1.6 mm (0.063 in), black paint coating
 2. Jack spring wire: phosphor bronze alloy plated with 50 microinches of gold over 70-100 microinches of nickel
 3. IDC: 110 type, phosphor bronze alloy with 100 microinches of 100% tin alloy



WIRING SCHEMES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS (INCHES) TOLERANCES: MM IN ANGULAR		MATERIAL:	AS NOTES
0.0: ±0.2 0.0: ±0.016 0 ±1° 0.00: ±0.1 0.00: ±0.008 0.0 ±0.5° 0.000: ±0.004		MECHANICAL:	AS NOTES
		ELECTRICAL:	AS NOTES
PROJECT ID	SPCS - PD	FILE	SPCS - PD.JPL-12C5E-DR JUN'15
PROCESS	INITIALS	NAME	DATE
DRAWN			
CHECK			
APPROVED			

SIGNAMAX
CONNECTIVITY SYSTEMS

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TITLE
12458JPL-C5E-DR (CAT5E 12-PORT DIN-RAIL-MOUNT JACK PANEL)

SIZE A	CAGE CODE	DWG. NO.	REV A
SCALE	1:2	UNIT	MM (IN)
SHEET		1 OF 1	