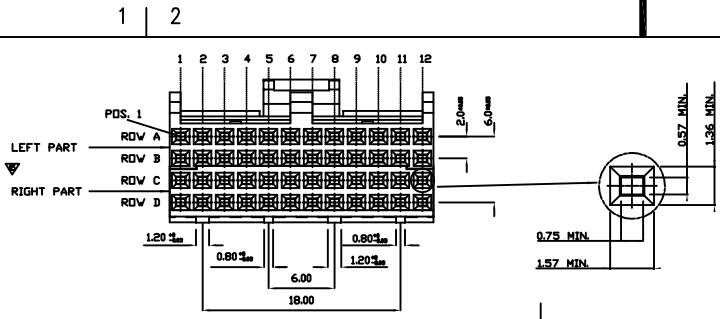


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FCI



FOR SELECT LOAD P/N:

PRODUCT NR:	ROW#	CONFIGURATION											
		1	2	3	4	5	6	7	8	9	10	11	12
10030896-X201	B	-	X	X	X	-	X	-	X	-	X	-	X
	C	X	-	X	-	X	-	X	-	X	-	X	-
	D	X	X	X	X	-	X	-	X	-	X	-	X
10030896-X201LF	B	-	X	X	X	-	X	-	X	-	X	-	X
	A	X	-	X	-	X	-	X	-	X	-	X	-

"-" POSITION NOT LOADED
"X" POSITION LOADED

NOTE:
1. WHEN PART NUMBER WITH A "LF" SUFFIX, THEN THE LF CONTACTS MUST BE USED.
FOR EXAMPLE: PART NUMBER IS10030896-X000LF
CONTACT NUMBER IS10030896-HM1CDD-LF

PERFORMANCE CHARACTERISTICS:

- VOLTAGE RATING : 250 VAC.
- CURRENT RATING : 1.0 A AT 70°C.
- INSULATION RESISTANCE : 10⁹ MΩ MIN.AFTER TEST.
- DIELECTRIC WITHSTANDING VOLTAGE : 1000 V.
- CONTACT RESISTANCE : 20 mΩ MAX. AFTER TEST.
- CONTACT RESISTANCE : -55°C TO +125°C.
- OPERATING T₁ : 0.94 N MAX. PER CONTACT.
- WITHDRAWAL FORCE : 0.20 N MIN. PER CONTACT.

MATERIALS:

- TERMINAL BLOCK : GLASS REINFORCED THERMOPLASTIC UL94-V0.
- COVER : POLYAMIDE-NYLON.
- LOCKING KEY : POLYAMIDE-NYLON.
- CONTACTS : PHOSPHOR BRONZE.
- PLATING : X=1 : 0.75 μ AU MIN. OVER NI IN CONTACT AREA; SNPB(60/40) ON IDC-TERMINAL OR PURE Sn FOR LF.

WIRE CHARACTERISTICS:

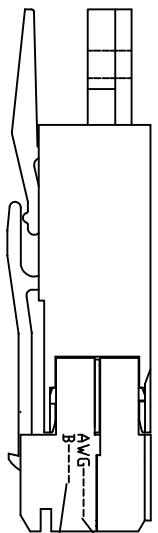
- INSULATION DIAMETER 0.75 MM MAX.

PART NUMBERS:

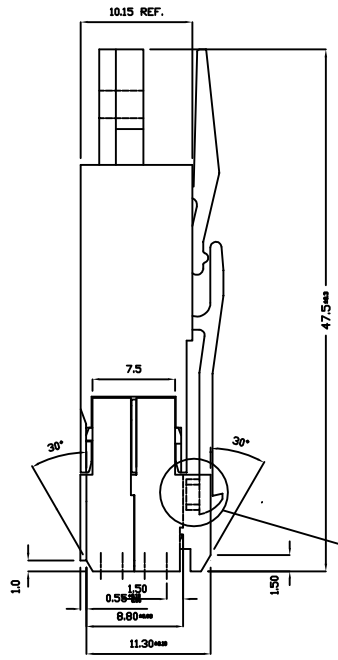
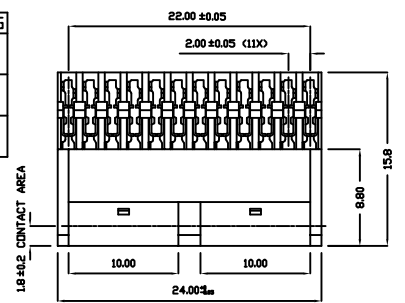
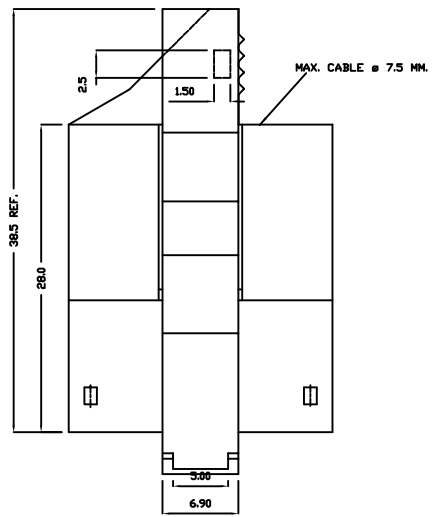
- 10030896-X101 CONNECTOR FOR WIRE SIZE AWG28,AWG30 WITHOUT RETENTION RIBS ON INSULATION PLATE AND HOOD
- 10030896-X121 CONNECTOR FOR WIRE SIZE AWG26 WITHOUT RETENTION RIBS ON INSULATION PLATE AND HOOD
- 10030896-X201 CONNECTOR FOR WIRE SIZE AWG28,AWG30 WITHOUT RETENTION RIBS ON INSULATION PLATE AND HOOD

PILLOW COMPRESSED.
PLASTIC EDGE STOPS
COMPRESSING THE PILLOW
AT POINT GIVES MAX
COMPRESSION 0.4mm.

CONNECTOR MARKING



PARTNUMBER	WIRE SIZE MARKING	LOADING
10030896-X101	AWG28/30	FULL
10030896-X101LF		
10030896-X121	AWG26	FULL
10030896-X121LF		
10030896-X201	AWG28/30	SELECT
10030896-X201LF		



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	A			
ltr	ecn no	dr	date	linear	angular					
A	T03-0280	M W	07/09/03	linear		.X ±0.2	projection			
B	T03-0336	M W	08/12/03			.XX ±0.1				
C	T03-0340	Jeff	10/26/03	angles		.XXX ±	MM			
D	0604-0034	CLu	05/26/04	dr	MAGGIE WU	0° ±1°				
E	0605-0079	CLu	04/11/05	engr	JEFF.HSIEH	06/30/03	scale			
				chr	JEFF.HSIEH	06/30/03				
				appd	JENN TSAO	06/30/03	1.5:1			
sheet index	revision	E								
	sheet	1								

CONFIDENTIAL									
A FCI www.fciconnect.com									
title									
4X12 POS. HM1 CABLE CONNECTOR WITH STR. CABLE EXIT HOOD & SUPPORT PILLOW									
product family									
HM1									
code									
-									
size dwg no									
A4 10030896									
sheet									
1 of 1									

PDM: Rev: E

STATUS: Released
cage code 22520
dated: Dec 21, 2007

ACAD