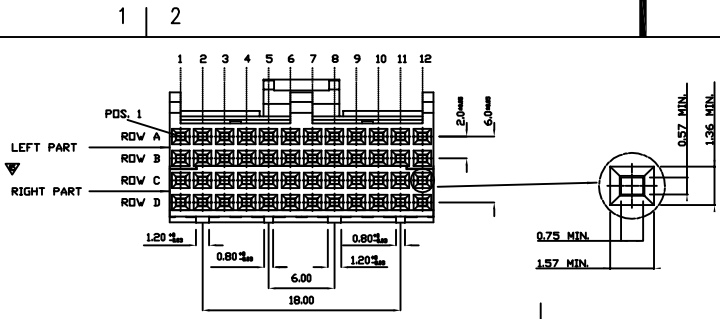


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FOR SELECT LOAD P/N:

PRODUCT NR:	ROW#	CONFIGURATION											
		1	2	3	4	5	6	7	8	9	10	11	12
10030896-X201	D	-	X	X	X	-	X	-	X	-	X	-	X
	C	X	-	X	-	X	-	X	-	X	-	X	-
	B	-	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-XXXXLF  
 CONTACT NUMBER SHOULD BE HM1CCD----LF

PERFORMANCE CHARACTERISTICS:

- VOLTAGE RATING : 250 VAC.
- CURRENT RATING : 1.0 A AT 70°C.
- INSULATION RESISTANCE : 10<sup>9</sup> MΩ MIN.AFTER TEST.
- DIELECTRIC WITHSTANDING VOLTAGE : 1000 V.
- CONTACT RESISTANCE : 20 mΩ MAX. AFTER TEST.
- OPERATING T° : -55°C TO +125°C.
- INSERTION FORCE : 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:

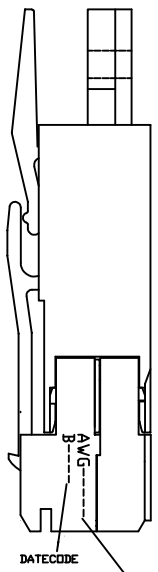
- INSULATION DIAMETER 0.75 MM MAX.

PART NUMBERS:

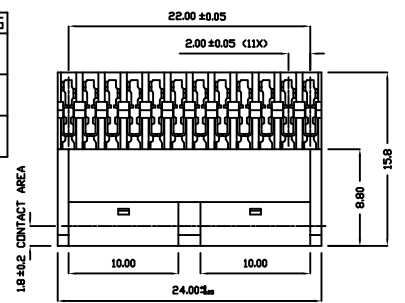
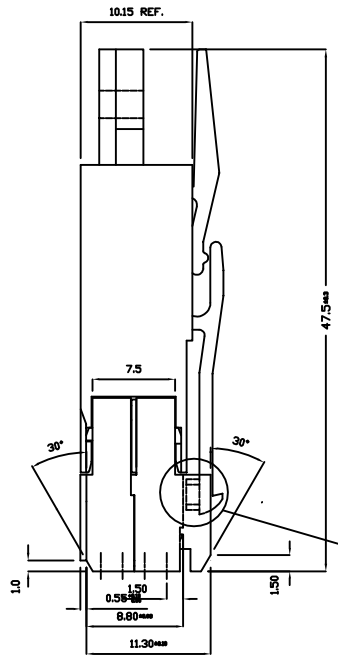
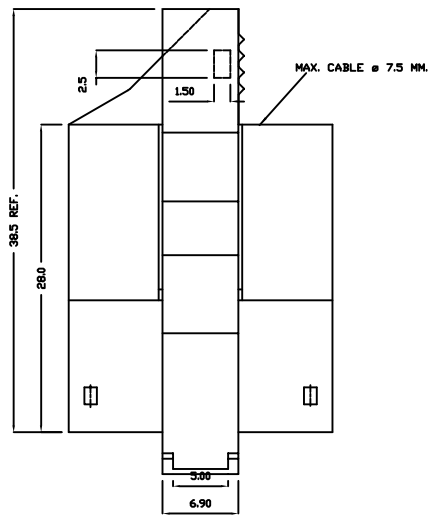
- 10030896-X101 CONNECTOR FOR WIRE SIZE AWG28,AWG30 WITHOUT RETENTION RIBS ON INSULATION PLATE AND HOOD
- 10030896-X121 CONNECTOR FOR WIRE SIZE AWG26 WITHOUT RETENTION RIBS ON INSULATION PLATE AND HOOD
- 10030896-X201 CONNECTOR FOR WIRE SIZE AWG28,AWG30 WITHOUT RETENTION RIBS ON INSULATION PLATE AND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



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mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.2	projection	title
A	T03-0280	M W	07/09/03		.XX ± 0.1		4X12 POS. HM1 CABLE CONNECTOR WITH STR. CABLE EXIT HOOD & SUPPORT PILLOW
B	T03-0336	M W	08/12/03		.XXX ±		
C	T03-0340	Jeff	10/26/03	angles	0° ± 1°		
D	0604-0034	CLu	05/26/04	dr	MAGGIE WU 06/30/03	MM	product family HM1 code
E	0605-0079	CLu	04/11/05	engr	JEFF.HSIEH 06/30/03	scale	size dwg no
				chr	JEFF.HSIEH 06/30/03	1.5:1	A4 10030896
				appd	JENN TSAO 06/30/03		sheet 1 of 1
sheet	revision	E					
index	sheet	1					

PDM: Rev: 3

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ACAD