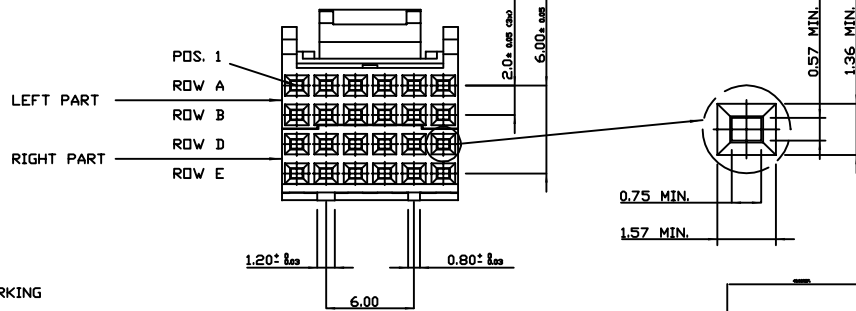
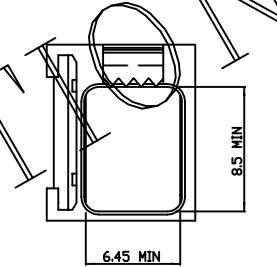


GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																	
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

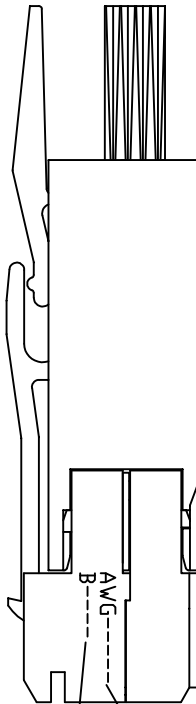
REV.	DATE	DESCRIPTION	BY	C/K/D
A	13-10-81	CONVERSION REVISION 02	MM	
B	17-10-85	1895-0401	GU	
C	27-9-85	1895-0420	GU	



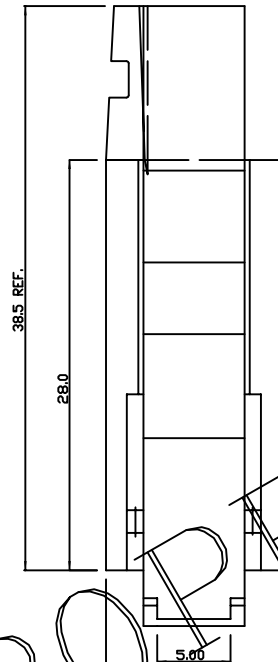
VIEW CABLE OUTLET



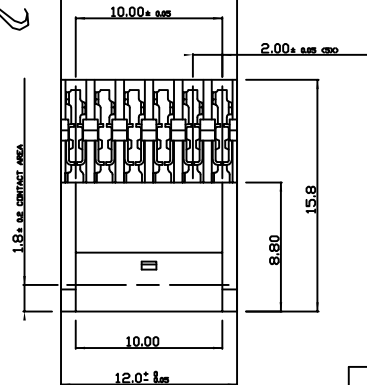
CONNECTOR MARKING



FCI LOGO



38.5 REF.



1.8±0.05 CONTACT AREA

PARTNUMBER	WIRE SIZE MARKING
HMIC01D0T010--LF	AWG28/30
HMIC01D2T010--LF	AWG26

- NOTES:
- THIS PRODUCT WITH "LF" SUFFIX MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS -22-008.
  - THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.

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 : POLYESTER-POCAN.
- LOCKING KEY : POLYAMIDE-NYLON.
- CONTACTS : PHOSPHOR BRONZE.
- PLATING : Z1 : 0.40 μ Au MIN. OVER NI IN CONTACT AREA;  
Pure Sn ON IDC-TERMINAL.  
N9 : 0.75 μ Au MIN. OVER NI IN CONTACT AREA;  
Pure Sn ON IDC-TERMINAL.  
Z6 : 1.20 μ Au MIN. OVER 1.30 ∅ NI IN CONTACT AREA;  
3.00 ∅ Pure Sn ON IDC-TERMINAL.  
(GOLD THICKNESS MEASURED WITH FISHERSCOPE X-RAY. MEASUREMENT OF GOLD THICKNESS WITHOUT CORRECTION FACTOR FOR THE GOLD DENSITY (DENSITY = 19.3)).  
EB : 2.00 μ Au MIN. OVER NI IN CONTACT AREA;  
Pure Sn ON IDC-TERMINAL.

WIRE CHARACTERISTICS:

- INSULATION DIAMETER 0.75 MM MAX.

PART NUMBERS:

- HMIC01D0T010--LF : CONNECTOR FOR WIRE SIZE AWG28 & AWG30. WITHOUT RET. RIBS ON INSULATION PLATE AND HOOD
- HMIC01D2T010--LF : CONNECTOR FOR WIRE SIZE AWG26. WITHOUT RET. RIBS ON INSULATION PLATE AND HOOD

RELEASED

1DEC ±0.2 1DEC 2DEC ±0.1 2DEC ANGLES ±1° HOEKEN	APPR. DATE -1 IN DRAFT 05-08-99 SVAnbeck CHECKED 05-08-99 GBoesbeke	4x6 PDS HMI CABLE CONN. WITH ENLARGED CABLE OUTLET
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PRD. MGR. PRENG.MGR. PRMGT.MGR.	AT. N. HMIC01D0T010--LF
ALL DIMENSIONS IN MM	REFEREN S / REFERENTIE	SCALE 4/1

FCI MECHELEN N.V. A SPINNINGSTRAAT 8, 2800 MECHELEN