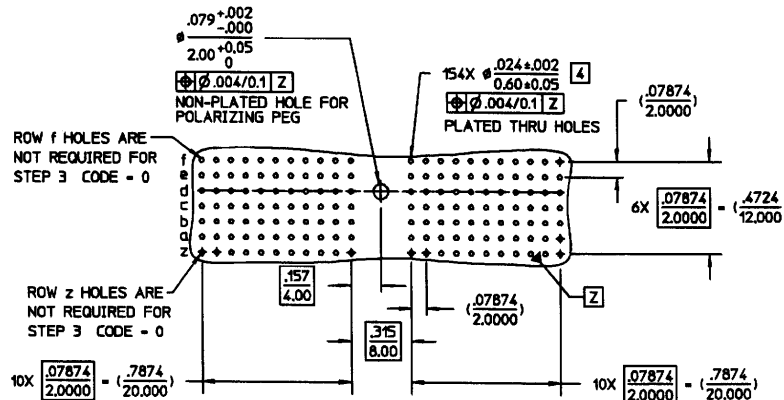


- 1 THIS CONNECTOR IS DESIGNED TO MEET THE APPLICABLE PERFORMANCE REQUIREMENTS OF IEC 61076-4-101 AND BELLCORE GR-1217-CORE.
2. CONNECTORS ARE END STACKABLE ON A .07874/2.0 GRID.
3. FOR COMPLIANT CONTACT PLATED THRU HOLE REQUIREMENTS SEE THRU HOLE PLATING VIEW. MINIMUM P.C. BOARD THICKNESS .062/157 NOMINAL.
- 4 DIMENSIONS APPLY AFTER INSTALLATION IN P.C. BOARD.
- 5 .0078/0.2 MAX. GAP PERMISSIBLE TO PC BOARD.
- 6 CONNECTORS WITH TAIL LENGTH CODES C, D, AND E HAVE A MYLAR STRIP ON THE TAILS FOR EASE OF INSTALLATION.
- 7 TELCORDIA (BELLCORE) CERTIFIED LUBRICANT PER GR-1217-CORE.

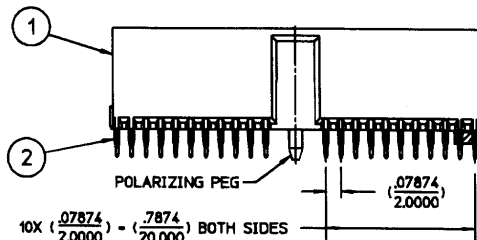
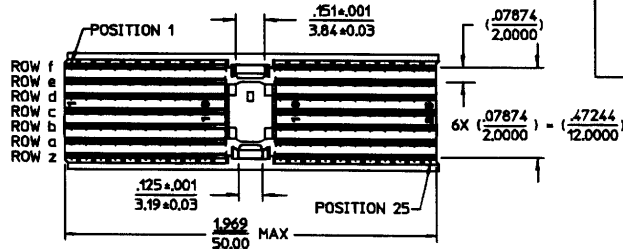
(1)	Insulators	Thermoplastic Polyester, glass filled Rated UL 94V-0. Color: Gray
(2)	Pin contacts	Copper Alloy Finish: Mating Zone - Gold over Palladium Nickel Compliant Zone - Tin/Lead Performance Class 2 - 250 cycles
(3)	Mylar Strip	.0070/0.178 ±.0005/0.013 Thick Mylar (Type DL)

Insulation resistance	5,000 megohms minimum
Dielectric withstanding voltage (at sea level)	750 Vrms
Current rating	1 amp @ 70°C, fully loaded 1.5 amp @ 20°C, fully loaded
Operating temperature range	-55°C to +105°C
Contact resistance	20 milliohms minimum

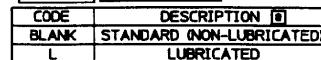
Max. Insertion Force (per contact) ————— 22.5 lbs. / 100 N
Min. Retention Force (per contact) ————— 4.5 lbs. / 20 N



CODE	DESCRIPTION	TAIL LENGTH L
7		
A	COMPLIANT SIGNAL STUBTAIL	.146/3.70
C		.512/13.00
D	COMPLIANT SIGNAL	.571/14.50
E	REAR PLUG-UP	.630/16.00



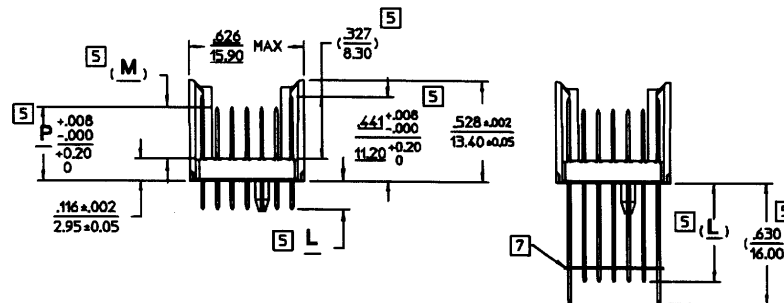
CATALOG No. HC5A0AE01A51AA SHOWN



CODE	STEP 1 TAIL LGTH CODE REQUIRED	PERFORMANCE LEVEL
AA	A	2
CA	C, D, E	

CODE	DESCRIPTION
0	NO SHIELDING
1	FULLY SHIELDED (PRIMARY SIDE)
4	FULLY SHIELDED (PRIMARY & SECONDARY SIDE - REAR PLUG-UP)

CODE	MATING END		DESCRIPTION
	M	P	
1	209/5.30	323/8.20	MATING LEVEL 1, ALL POSITIONS
5	268/6.80	382/9.70	MATING LEVEL 2, ALL ROWS ALL POSITIONS



CATALOG No. NX5A0AE01C54CA SHOWN

(REAR PLUG-UP APPLICATION SHOWN)
SAME AS NX5A0AE01A51AA EXCEPT AS SHOWN

PER ASME Y14.5M-1994
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES OR INCHES/MILLIMETER
TOLERANCES: FRACTIONS
DECIMALS .XX ± .02/.05
 .XXX ± .004/.010
ANGLES ± -- SCALE: 1:1

CUSTOMER DRAWING

DRAWN	DATE	APPROVED	DATE
BAS	02/26/99	W.P.M.	04/19/99
APPROVED	DATE	APPROVED	DATE
A.E.E.	04/19/99	S.W.A.	04/19/99

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TITLE	MetCon-2® HC5 SERIES BACKPANEL CONNECTORS MODULE STYLE A
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9 E 9	A	29601	SHT. 1 OF 1	REV. H
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