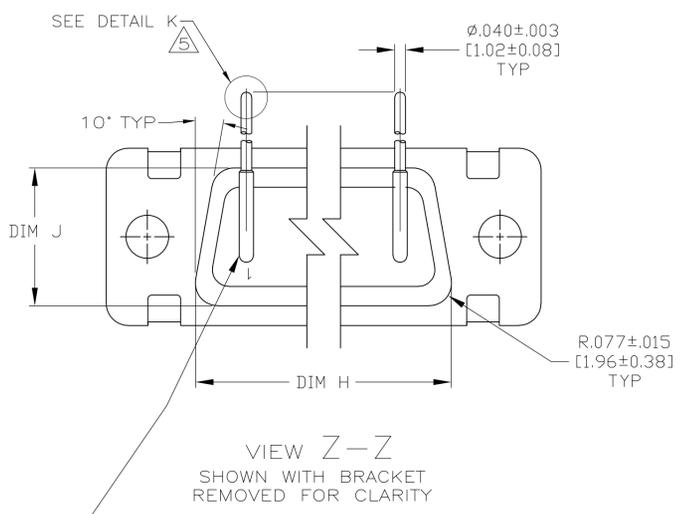
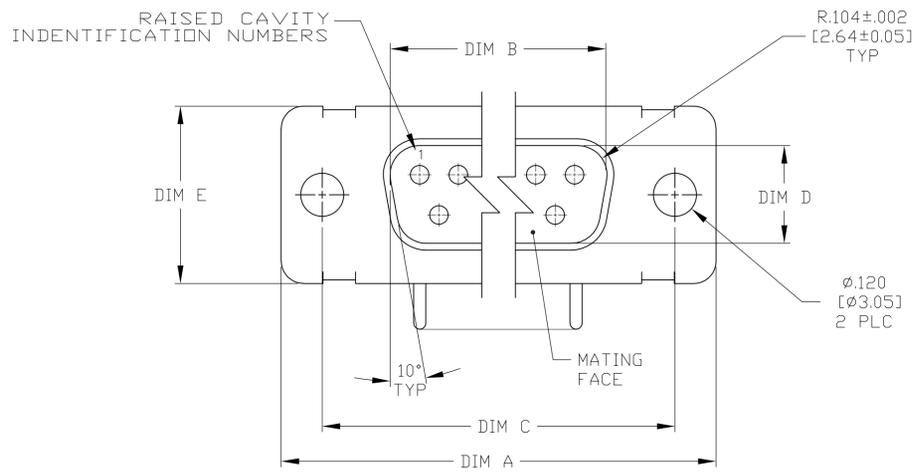
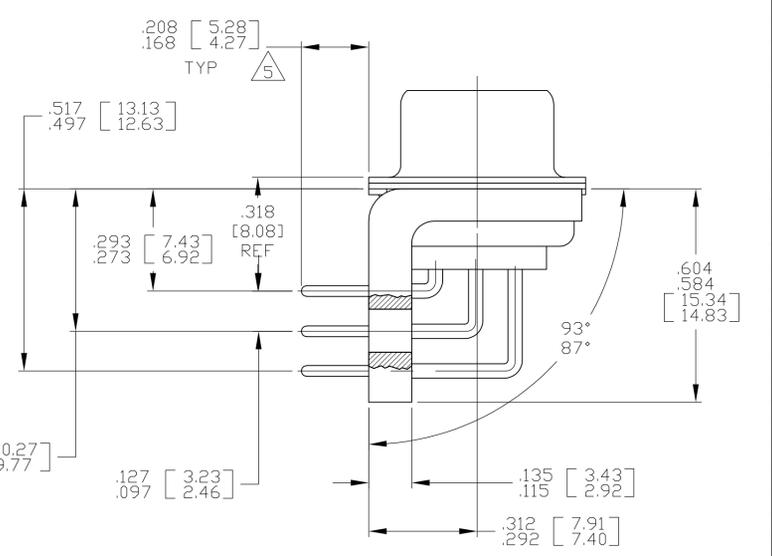
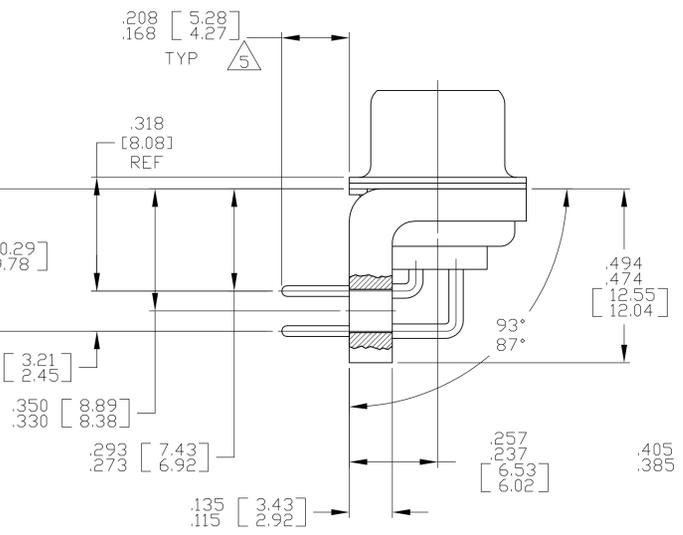
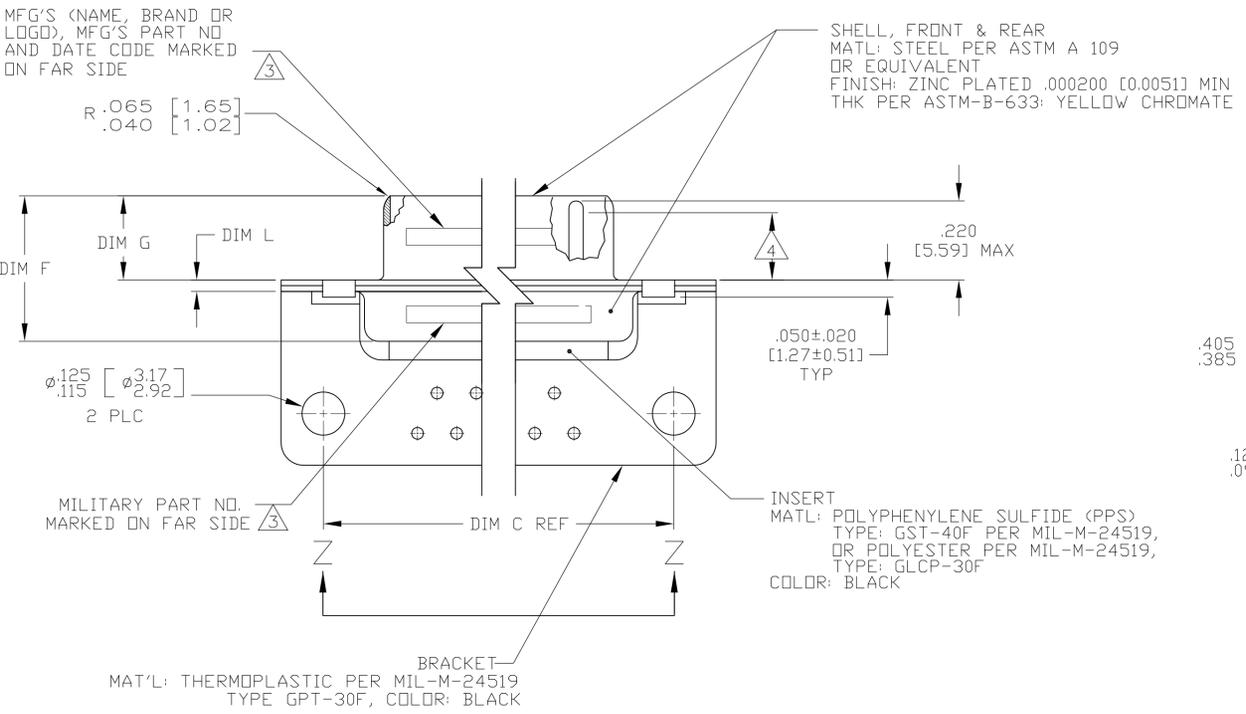


LOC	DIST	REVISIONS			
DF	AO	REV	DATE	BY	APPV
B		REVISED PER ECO-13-002047	05FEB2013	MGM	CT



- 1. SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT. TRUE POSITION TOLERANCE FOR P.C. BOARD LAYOUT IS .010 [0.25] AT MAX MATERIAL CONDITION. SUGGESTED BOARD THICKNESS IS .062 [1.57]
- 2. THE CONNECTORS DESCRIBED IN THIS DOCUMENT MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY RECEPTACLE CONNECTOR WITH SAME INSERT ARRANGEMENT.
- 3. MARKED WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE. NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE. IF THE SHELL IS TOO SMALL FOR THE ENTIRE MARKING, MARKING SHALL BE SPLIT AS FOLLOWS:
 - A. "M24308" ON FRONT SHELL, FAR SIDE.
 - B. SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
 - C. "MFG'S" (NAME, BRAND OR LOGO) AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - D. MFG'S PART NUMBER ON REAR SHELL, NEAR SIDE.
- 4. REQUIREMENT FOR FULL PIN DIAMETER EXTENSION:
 - .159 [4.04] MIN, SHELL SIZES 1 AND 2.
 - .150 [3.81] MIN, SHELL SIZES 3 AND 4.
- 5. SOLDER DIPPED PER J-STD-001 WITH Sn63 SOLDER PER J-STD-006 IN THE ENTIRE AREA OF DIMENSION SHOWN. (1757845-6 THRU -10 ONLY.)
- 6. MEETS SOLDERABILITY PER MIL-STD-202 METHOD 208.

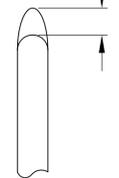


SHELL SIZES 1 THRU 4 CONTACT CONFIGURATION

SHELL SIZE 5 CONTACT CONFIGURATION

.049	[1.24]	.544	[13.82]	2.188	[55.58]	.236	[5.99]	.436	[11.07]	.620	[15.75]	.446	[11.33]	2.411	[61.24]	2.084	[52.55]	2.650	[67.31]
.029	[0.74]	.412	[10.46]	2.282	[57.96]	.224	[5.69]	.416	[10.57]	.590	[14.99]	.436	[11.07]	2.401	[60.99]	2.074	[52.30]	2.620	[66.55]
.049	[1.24]	.432	[10.97]	2.282	[57.96]	.236	[5.99]	.436	[11.07]	.509	[12.93]	.334	[8.48]	2.505	[63.63]	2.187	[54.97]	2.744	[69.70]
.029	[0.74]	.412	[10.46]	2.262	[57.45]	.224	[5.69]	.416	[10.57]	.479	[12.17]	.324	[8.23]	2.495	[63.37]	2.177	[54.71]	2.714	[68.94]
.049	[1.24]	.432	[10.97]	1.635	[41.53]	.236	[5.99]	.436	[11.07]	.509	[12.93]	.334	[8.48]	1.857	[47.17]	1.539	[38.51]	2.103	[53.42]
.029	[0.74]	.412	[10.46]	1.615	[41.02]	.224	[5.69]	.416	[10.57]	.479	[12.17]	.324	[8.23]	1.847	[46.91]	1.529	[38.25]	2.073	[52.65]
.040	[1.02]	.432	[10.97]	1.093	[27.76]	.238	[6.05]	.432	[10.97]	.509	[12.93]	.334	[8.48]	1.317	[33.45]	.999	[24.79]	1.556	[39.52]
.020	[0.51]	.412	[10.46]	1.073	[27.25]	.229	[5.82]	.412	[10.46]	.479	[12.17]	.324	[8.23]	1.307	[33.20]	.989	[24.54]	1.526	[38.76]
.049	[1.24]	.432	[10.97]	.769	[19.53]	.238	[6.05]	.432	[10.97]	.509	[12.93]	.334	[8.48]	.989	[25.12]	.671	[16.46]	1.228	[31.19]
.029	[0.74]	.412	[10.46]	.749	[19.02]	.229	[5.82]	.412	[10.46]	.479	[12.17]	.324	[8.23]	.979	[24.87]	.661	[16.21]	1.198	[30.43]
.049	[1.24]	.432	[10.97]	2.188	[55.58]	.236	[5.99]	.436	[11.07]	.620	[15.75]	.446	[11.33]	2.411	[61.24]	2.084	[52.55]	2.650	[67.31]
.029	[0.74]	.412	[10.46]	2.262	[57.45]	.224	[5.69]	.416	[10.57]	.590	[14.99]	.436	[11.07]	2.401	[60.99]	2.074	[52.30]	2.620	[66.55]
.049	[1.24]	.432	[10.97]	2.282	[57.96]	.236	[5.99]	.436	[11.07]	.509	[12.93]	.334	[8.48]	2.505	[63.63]	2.187	[54.97]	2.744	[69.70]
.029	[0.74]	.412	[10.46]	2.262	[57.45]	.224	[5.69]	.416	[10.57]	.479	[12.17]	.324	[8.23]	2.495	[63.37]	2.177	[54.71]	2.714	[68.94]
.049	[1.24]	.432	[10.97]	1.635	[41.53]	.236	[5.99]	.436	[11.07]	.509	[12.93]	.334	[8.48]	1.857	[47.17]	1.539	[38.51]	2.103	[53.42]
.029	[0.74]	.412	[10.46]	1.615	[41.02]	.224	[5.69]	.416	[10.57]	.479	[12.17]	.324	[8.23]	1.847	[46.91]	1.529	[38.25]	2.073	[52.65]
.040	[1.02]	.432	[10.97]	1.093	[27.76]	.238	[6.05]	.432	[10.97]	.509	[12.93]	.334	[8.48]	1.317	[33.45]	.999	[24.79]	1.556	[39.52]
.020	[0.51]	.412	[10.46]	1.073	[27.25]	.229	[5.82]	.412	[10.46]	.479	[12.17]	.324	[8.23]	1.307	[33.20]	.989	[24.54]	1.526	[38.76]
.049	[1.24]	.432	[10.97]	.769	[19.53]	.238	[6.05]	.432	[10.97]	.509	[12.93]	.334	[8.48]	.989	[25.12]	.671	[16.46]	1.228	[31.19]
.029	[0.74]	.412	[10.46]	.749	[19.02]	.229	[5.82]	.412	[10.46]	.479	[12.17]	.324	[8.23]	.979	[24.87]	.661	[16.21]	1.198	[30.43]

.030 [7.62] MAX EXTENSION PERMISSIBLE DUE TO SOLDER DIPPING



DETAIL K SCALE 10:1 FOR 1757845-6 THRU -10 ONLY

DIM L	DIM J	DIM H	DIM G	DIM F	DIM E	DIM D	DIM C	DIM B	DIM A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MILITARY P/N ON CONNECTOR	MFG'S P/N MARKED ON CONNECTOR	MFG'S PART NO.
										3			3		

THIS DRAWING IS A CONTROLLED DOCUMENT.

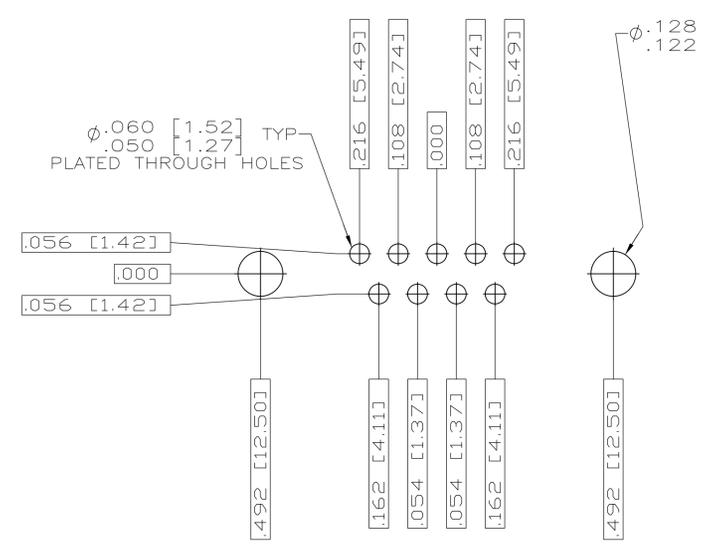
DMN: C.C. THOMAS 10FEB2008
 CHK: D. MILLER 2-13-06
 APPV: D. MILLER 2-13-06

TE Connectivity

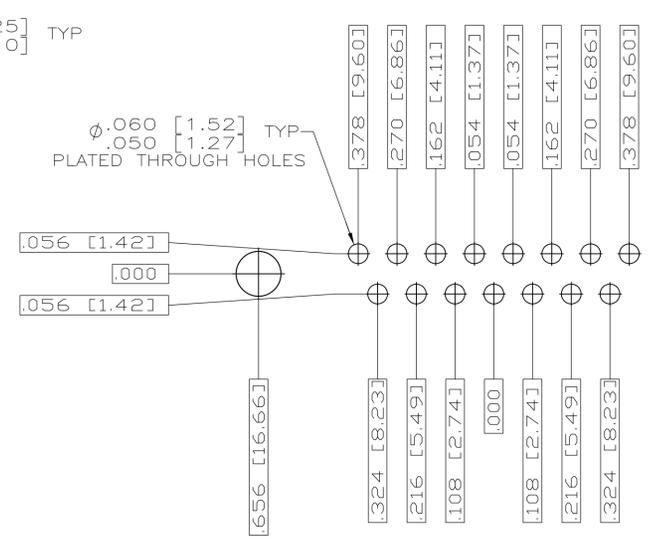
PLUG ASSEMBLY, AMP/LMITE, RT ANGLE, SERIES 109, SIZE 1 THRU 5

APPLICATION SPEC: A1 00779 ©=1757845

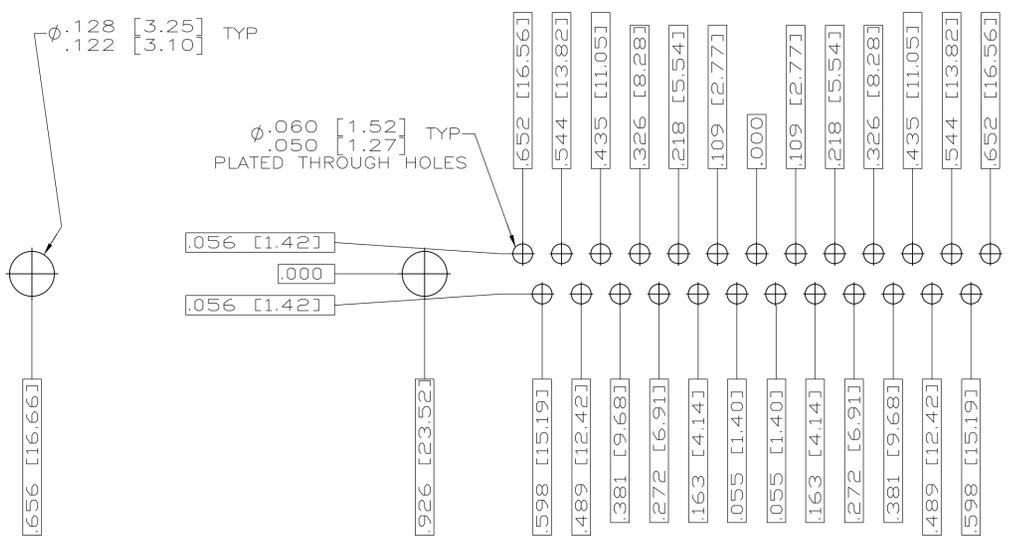
SCALE: 4:1 SHEET 1 OF 2 REV B



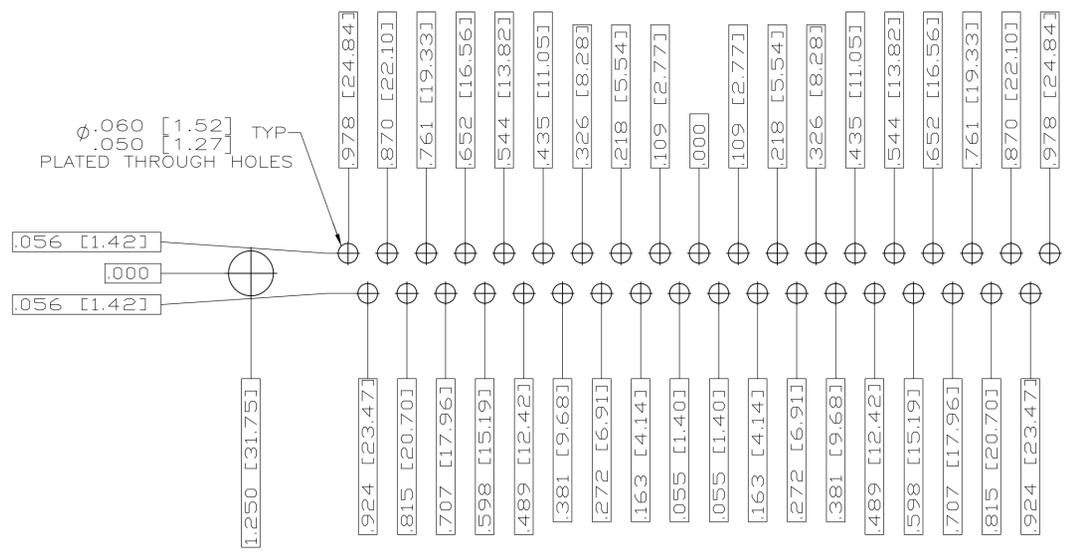
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 1 (9 POSITION) ⚠



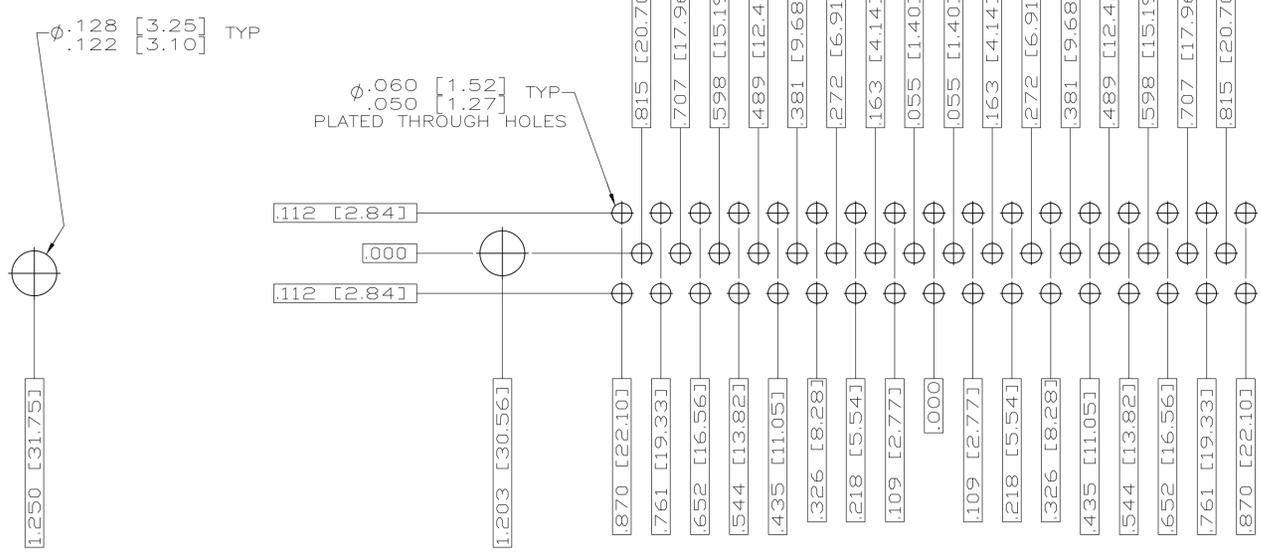
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 2 (15 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 3 (25 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 4 (37 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 5 (50 POSITION) ⚠

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 2-10-06 CHK D.HOFFMAN 2-23-06 APVO D.MILLER 2-23-06 NAME PLUG ASSY,AMPLIMITE RIGHT ANGLE,SERIES 109,SIZE 1 THRU 5	TE Connectivity
DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PL ± .005 1 PL ± .005 2 PL ± .005 3 PL ± .005 4 PL ± .005 ANGLES ± .1°	SIZE A1 CAGE CODE 00779 DRAWING NO 1757845 WEIGHT - CUSTOMER DRAWING	RESTRICTED TO - SCALE 4:1 SHEET 2 OF 2 REV B	

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