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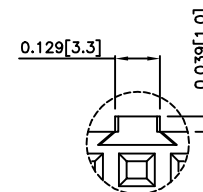
REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
L	HK1406	Release to Customer	05/05/97	NELSON
M	HK3437	UPDATE DRAWING TO COMPLY WITH RoHS	07/18/05	IP

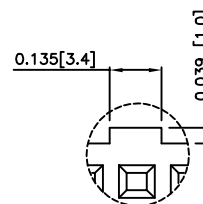
CPK Options



No CPK

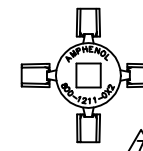


Install CPK (Optional)

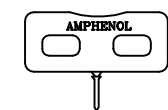


CPK molded-in

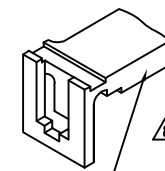
Accessories



Center Polarizing Key (4 pcs shown)



Polarizing plug



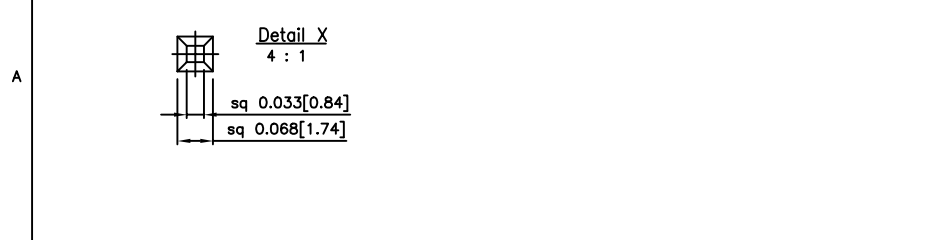
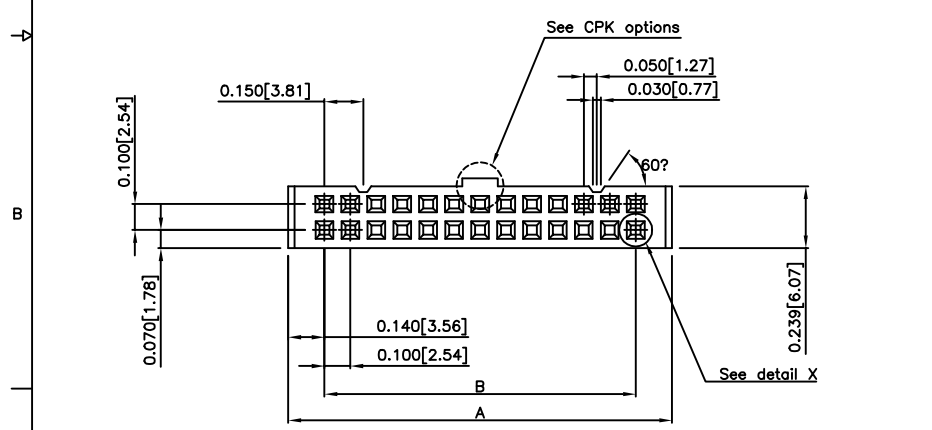
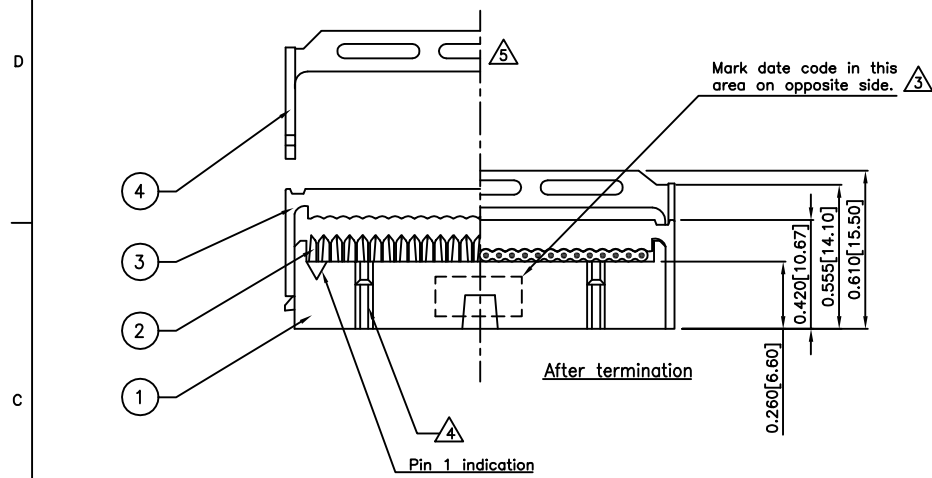
Close entry cover

Customer Drawing

1	-	Insulator Body	1
2	-	Contact	XX
3	-	Cover	1
4	-	Strain Relief (optional)	(1)
ITEM NO	PART OR IDENTIFICATION NO	NOMENCLATURE OR DESCRIPTION	QTY REQ'D
PARTS LIST			
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.		DRAWN ALEX.LEE	07/18/05
METRIC		CHECKED TSUI	07/18/05
.X +/- .020		CHECKED	
.XX +/- .010			
.XXX +/- .005			
FRACTIONS +/-			
ANGLES +/- 2.5°			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
METRIC	MM		
TITLE		Amphenol	
812 Series Connector		REV. M	
SIZE	DRAWING NO.	SCALE	
A3	C812-XXXX-XXX	2 : 1	
SHEET 1 OF 2			



Note: Unit in inch [mm]



REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		See sheet 1		

Notes:

- Connectors purchased under this drawing will mate with MIL-C-83503/20A and MIL-C-82503/21A header connectors with latches or without latches and 816 / 821 header connectors.
- This assembly is designed to meet requirements of MIL-C-83503/7B, and European standard IEC 603-13
- For P/N with prefix "E", date code are added on back side of socket.
- This polarization key slot not available on size 10 and 14.
- Strain relief may be ordered separately, Amphenol P/N 800-1206-XXX (see Table II)
- Strain relief is bagged separately.
- Center polarizing key (CPK) may be ordered separately, Amphenol P/N 800-1211-002 grey or 800-1211-012 black
- Optional closed entry cover (CEC) available. May be ordered separately. (see Table II on this sheet) assemblies ordered without standard cover and with CEC will have CEC's bagged separately.
- Polarizing plug may be ordered separately, Amphenol P/N 800-1211-004 15% GF Nylon white or 800-1211-005 30% GF PBT grey
- Termination kit P/N 357-116.
- This connector is both UL and CSA approved.
- Refer to Amphenol S-812-001 for product specification.
- Material should be fulfilled amphenol spec#SSN001.

Part Number System

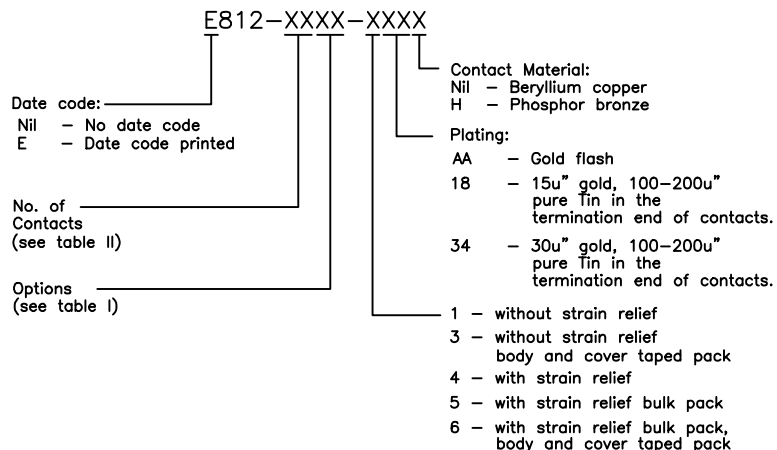


Table I - Options

Standard product

- 22 - Grey, no CPK
- 33 - Grey, CPK molded-in
- 34 - Grey, CPK molded-in, CEC even side
- 35 - Grey, CPK molded-in, CEC odd side
- 43 - Grey, no CPK, CEC odd side
- 44 - Grey, no CPK, CEC even side

Standard product with special requirement

- 03 - Grey, no CPK, CEC bulk pack
- 04 - Grey, CPK molded-in, CEC bulk pack 
- 12 - Grey, no CPK, cover bulk pack
- 13 - Grey, CPK molded-in, cover bulk pack
- 32 - Grey, CPK installed
- 36 - Grey, CPK molded-in, CEC even side with slots
- 37 - Grey, CPK molded-in, CEC odd side with slots
- 38 - Grey, CPK molded-in, standard cover with slots
- 42 - Grey, CPK Glued-in

Non-standard product (specific quantity required)

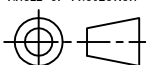
- 02 - Black, no CPK, non pre-latch
- 05 - Black, no CPK, CEC bulk pack 
- 06 - Black, CPK molded-in, CEC bulk pack 
- 09 - Black, no CPK
- 10 - Black, CPK molded-in
- 23 - Black, no CPK
- 45 - Black, CPK molded-in

Table II

No. of position	Strain Relief 800-1206-XXX		CEC 800-1205-XXX		A		B	
	Grey	Black	Grey	Black	in±.004	mm±.10	in±.005	mm±.13
10	-030	-050	-070	-090	.68	[17.27]	.40	[10.16]
14	-031	-051	-071	-091	.88	[22.35]	.60	[15.24]
16	-032	-052	-072	-092	.98	[24.89]	.70	[17.78]
20	-033	-053	-073	-093	1.18	[29.97]	.90	[22.86]
26	-034	-054	-074	-094	1.48	[37.59]	1.20	[30.48]
30	-040	-060	-080	-100	1.68	[42.67]	1.40	[35.56]
34	-035	-055	-075	-095	1.88	[47.75]	1.60	[40.64]
36	-041	-061	-081	-101	1.98	[50.29]	1.70	[43.18]
40	-036	-056	-076	-096	2.18	[55.37]	1.90	[48.26]
50	-037	-057	-077	-097	2.68	[68.07]	2.40	[60.96]
60	-038	-058	-078	-098	3.18	[80.77]	2.90	[73.66]
64	-039	-059	-079	-099	3.38	[85.85]	3.10	[78.74]



Customer Drawing

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S. METRIC		DRAWN ALEX.LEE	07/18/05
.X +/- .020 0.51		CHECKED TSUI	07/18/05
.XX +/- .010 0.25		CHECKED	
.XXX +/- .005 0.13			
FRACTIONS +/-			
ANGLES +/- 2.5° 2.5°			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE : DRAWING\812\CB12.dwg	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
METRIC	MM		
			
TITLE			812 Series Connector
SIZE	DRAWING NO.	REV.	
A3	C812-XXXX-XXX	M	
SCALE	2 : 1	SHEET	2 OF 2

Mouser Electronics

Authorized Distributor

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[8428001206033](#) [8428001206031](#) [8428001206032](#) [8428001206039](#)