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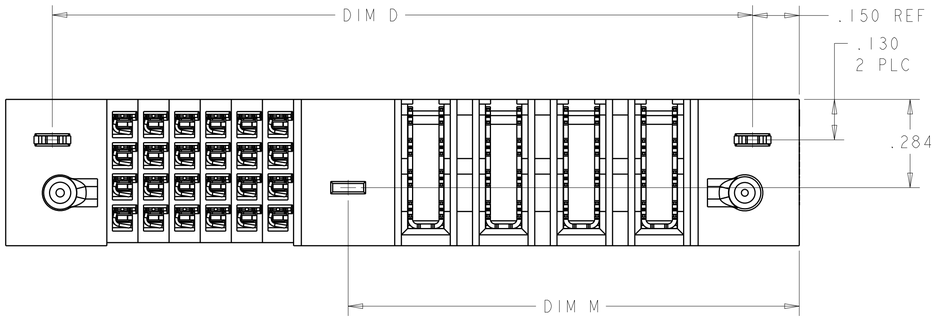
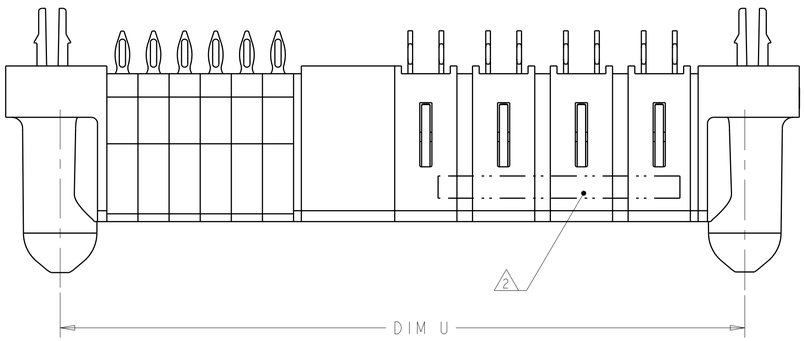
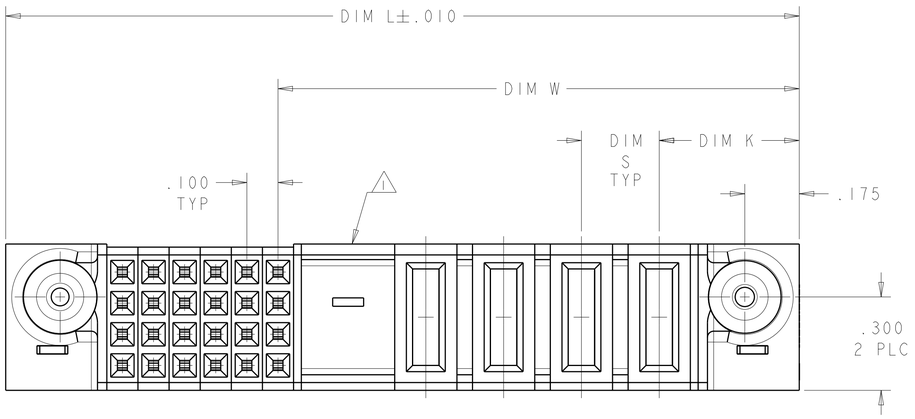
REVISIONS

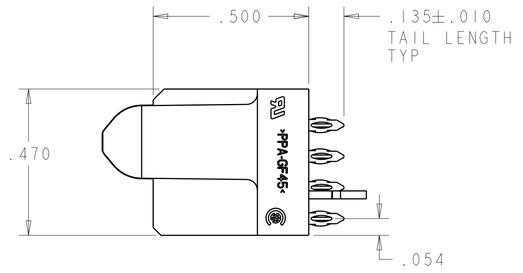
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F2	REV PER ECR-11-021537	24OCT2011	CZ	SZ
	F3	ADDED THE DASH NUMBER -2	19JAN2012	ML	SZ
	F4	ADVISED	19MAR2013	ML	SZ







1. OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
2. "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN, FAR SIDE
3. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O
   SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
4. CONTACT PLATING:
   NOBLE METAL PLATED ON THE CONTACT FUNCTIONAL AREA
   OF POWER AND SIGNAL CONTACTS.
5. MECHANICAL CONNECTOR KEEP OUT ZONE
6. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
7. PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
8. PCB - .0453 +/-.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
   OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA HOLE
9. VARIABLE DIMENSIONS SHOWN ON VIEW (SHEETS 4 AND 5).
10. NOT RELEASE FOR PRODUCTION.



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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - - 3

FINISH 4

DWN R.GRZYBOWSKI 24JAN05
CHK M.PERCHERKE 24JNA05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450552	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 8 | REV F5

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LOC	DIST
ES	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

F1	NO	-	-	1.900	.250	1.375	2.250	.450	4P + 24S	2-6450552-0
F	NO	-	-	2.950	.200	2.425	3.300	.450	10HDP + 24S	1-6450552-9
10	YES	-	1.900	1.850	.250	1.825	2.200	.450	7HDP + 4S	1-6450552-8
	NO	-	-	4.600	.250	3.875	4.950	.450	14P + 32S	1-6450552-2
	NO	-	-	5.100	- 9	2.375	5.450	.450	8P + 112S	1-6450552-0
	NO	-	-	3.800	- 9	3.175	4.150	.450	12P + 28S	6450552-9
F2	NO	-	-	2.275	- 9	1.750	2.625	.450	5P + 24S	6450552-8
	NO	-	-	2.825	9	2.300	3.175	.475	3ACP + 4P + 24S	6450552-7
	NO	-	-	2.900	.250	2.375	3.250	.450	8P + 24S	6450552-6
	NO	-	-	3.225	9	2.675	3.575	.525	3ACP + 6P + 24S	6450552-5
	NO	-	-	2.900	.250	2.375	3.250	.450	8P + 24S	6450552-4
F3	NO	-	3.150	3.100	.250	.875	3.450	.450	2P + 92S	6450552-2
	NO	-	-	2.925	.250	2.375	3.275	.450	8P + 24S	6450552-1
	RETENTION CLIP	M	D	U	S	W	L	K	DESCRIPTION	PART NUMBER

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN R.GRZYBOWSKI 24JAN05
CHK M.PERCHERKE 24JNA05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME
VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES, PRESS FIT
MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450552	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 8 | REV F5

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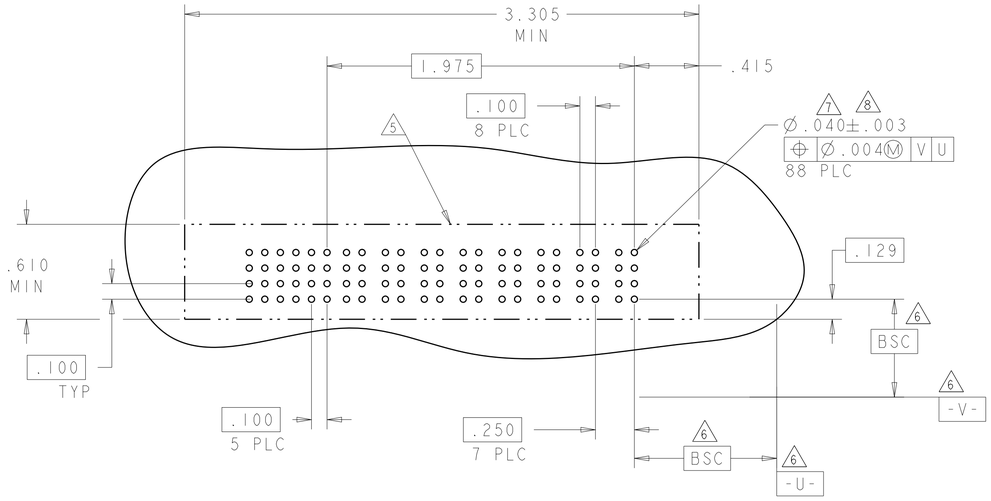
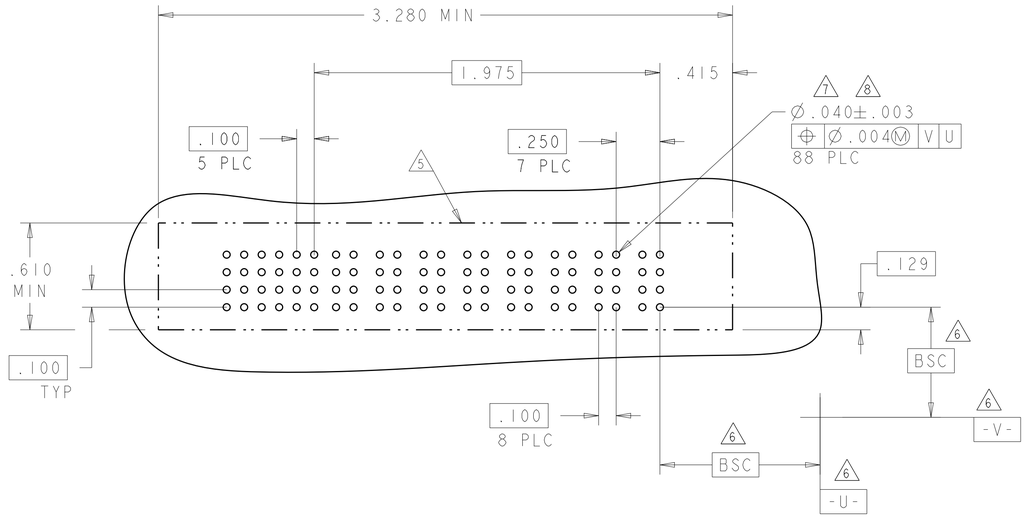
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

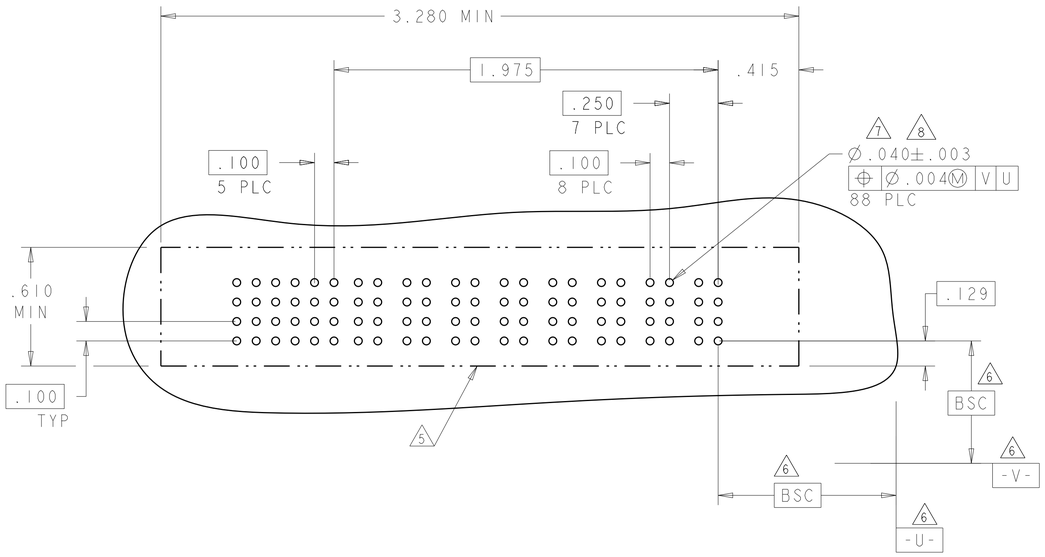
ASSY PART NUMBER	ROWS	SIGNAL 6 5 4 3 2 1	POWER P8 P7 P6 P5 P4 P3 P2 P1
6450552-1	D C B A	AP AP AP AP AP AP / AP AP AP AP AP AP / AP AP AP AP AP AP / AP AP AP AP AP AP	GP GP GP GP GS GS GS GS
8P + 24S			



PART NUMBER	ROWS	SIGNAL 6 5 4 3 2 1	POWER P8 P7 P6 P5 P4 P3 P2 P1
6450552-6	D C B A	AP AP AP AP AP AP / AP AP AP AP AP AP / AP AP AP AP AP AP / AP AP AP AP AP AP	GS GS GP GP GP GP GS GS
8P + 24S			



PART NUMBER	ROWS	SIGNAL 6 5 4 3 2 1	POWER P8 P7 P6 P5 P4 P3 P2 P1
6450552-4	D C B A	AP AP AP AP AP AP / AP AP AP AP AP AP / AP AP AP AP AP AP / AP AP AP AP AP AP	GP GP GP GP GS GS GS GS
8P + 24S			



BP	.165	SIGNAL PRESS FIT	A.B.C.D
AP	.135	SIGNAL PRESS FIT	A.B.C.D
HP	.165	POWER PRESS FIT (MFBL)	
HS	.165	POWER PRESS FIT (STD)	
GP	.135	POWER PRESS FIT (MFBL)	-
GS	.135	POWER PRESS FIT (STD)	-
CODE	TAIL LENGTH	DESCRIPTION	ROW
CONTACT			

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DIMENSIONS: INCHES

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0 PLC ±
1 PLC ±
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN R.GRZYBOWSKI 24JAN05
CHK M.PERCHERKE 24JAN05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450552	-

CUSTOMER DRAWING SCALE 4:1 SHEET 3 OF 8 REV F5

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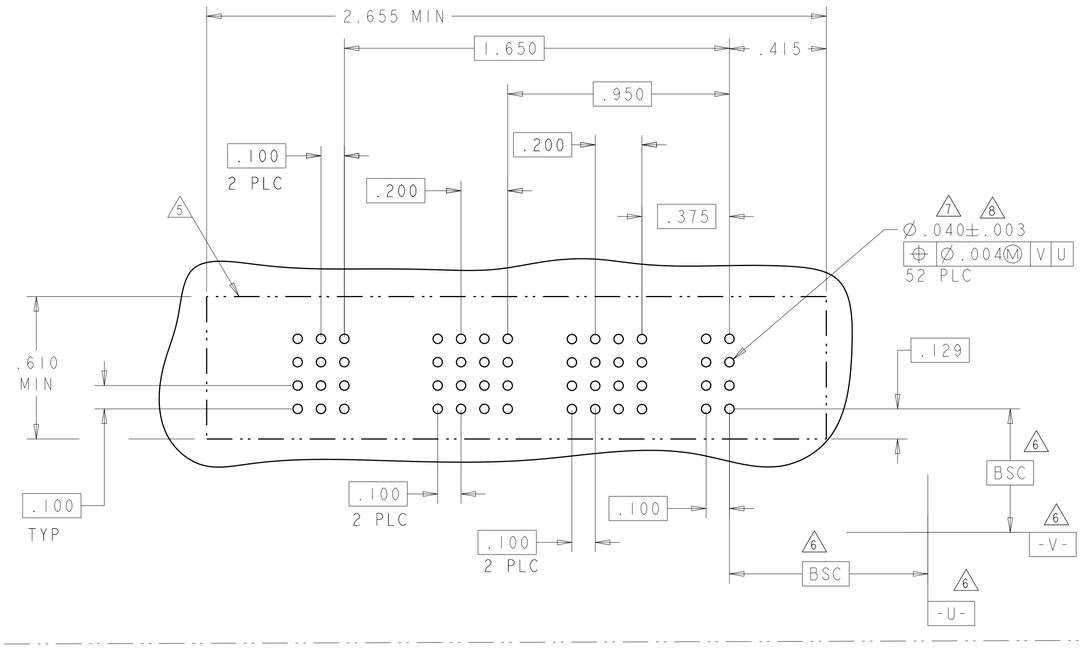
REVISIONS

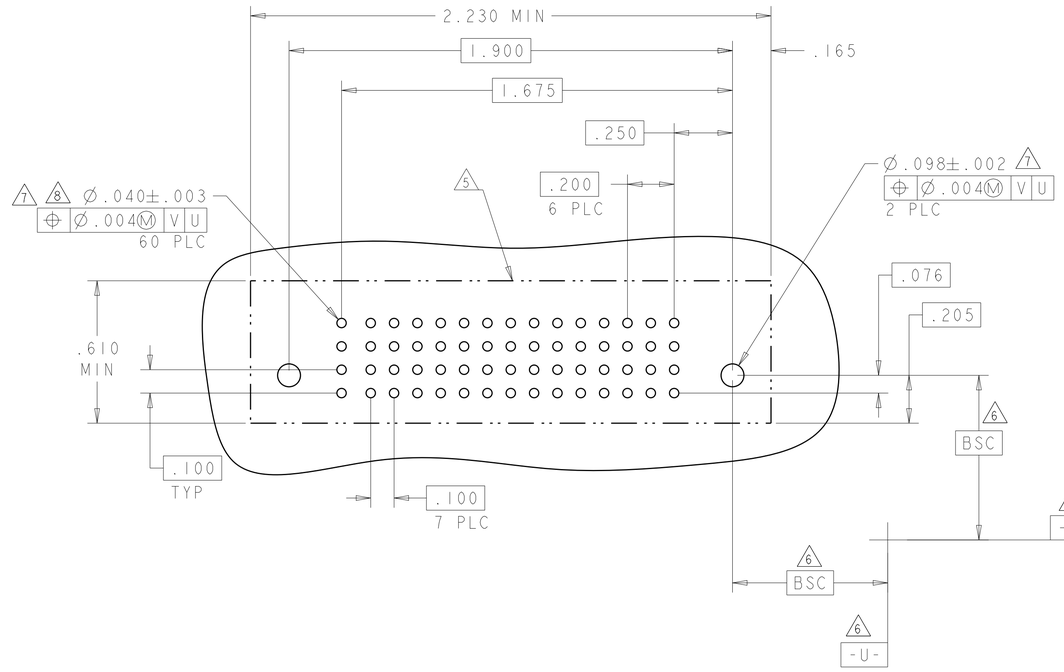
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	SIGNAL 6	5	4	3	2	1	POWER P5	P4	P3	P2	P1
6450552-8	D	AP	AP	AP				GS	GS	GP	GP	GP
	C	AP	AP	AP								
	B	AP	AP	AP								
	A	AP	AP	AP								
5P + 24S												

NO CONTACTS LOADED

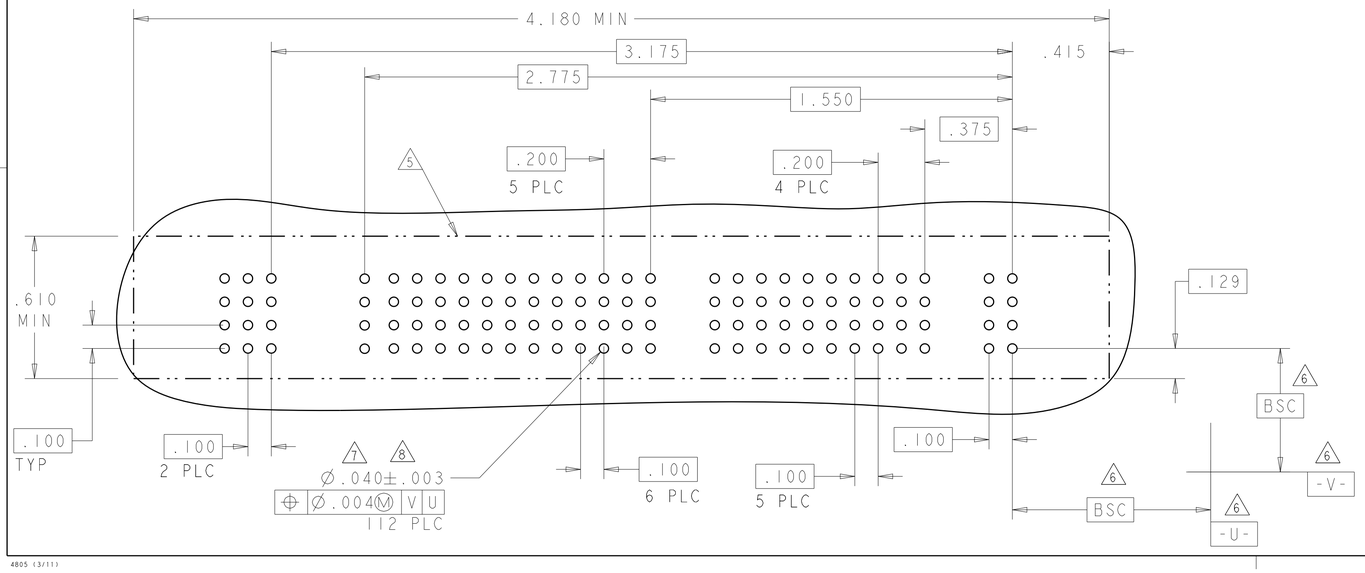


PART NUMBER	ROWS	SIGNAL I	POWER P7	P6	P5	P4	P3	P2	P1
1-6450552-8	D	AP	GP	GP	GS	GS	GS	GP	GP
	C	AP							
	B	AP							
	A	AP							
7HDP + 4S		HD							HD



PART NUMBER	ROWS	SIGNAL 7	6	5	4	3	2	1	POWER P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1
6450552-9	D	AP	AP	AP				AP	GP	GS	GS	GS	GS	GS	GP	GP	GP	GP	GP	GP
	C	AP	AP	AP				AP												
	B	AP	AP	AP				AP												
	A	AP	AP	AP				AP												
12P + 28S																				

NO CONTACTS LOADED



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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL -
FINISH -

DWN	R.GRZYBOWSKI 24JAN05
CHK	M.PERCHERKE 24JAN05
APVD	M.PERCHERKE -
PRODUCT SPEC	108-1973
APPLICATION SPEC	114-13038
WEIGHT	-

TE Connectivity

NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450552	-

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4805 (3/11)

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS
1-6450552-0	D C B A
8P + 112S	

SIGNAL: 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
POWER: P8 P7 P6 P5 P4 P3 P2 P1

D	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP			AP	GP	GS	GS	GS	GP	GP	GP	GP
C	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP			AP								
B	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP			AP								
A	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP			AP								

NO CONTACTS LOADED

9 .200 5 PLC

.375 9

.375 9

5.480 MIN

2.375

.415

1.975

1.150

.100 23 PLC

.200 3 PLC

.200 2 PLC

.375

5

Ø.040±.003 7 8
⌖ Ø.004Ⓜ V U
164 PLC

.610 MIN

.129

6 BSC

6 -V-

.100 TYP

.100 4 PLC

.100 3 PLC

6 BSC

6 -U-

PART NUMBER	ROWS
1-6450552-2	D C B A
14P + 32S	

SIGNAL: 8 7 6 5 4 3 2 1
POWER: P14 P13 P12 P11 P10 P9 P8 P7 P6 P5 P4 P3 P2 P1

D	AP	AP	AP	AP	AP	AP	AP	AP	GS	GP	GS	GP	GS	GP	GS	GP	GS	GP	GS	GP	GS	GP	GS	GP
C	AP	AP	AP	AP	AP	AP	AP	AP																
B	AP	AP	AP	AP	AP	AP	AP	AP																
A	AP	AP	AP	AP	AP	AP	AP	AP																

4.980 MIN

3.475

.415

.100 7 PLC

5

.250 13 PLC

Ø.040±.003 7 8
⌖ Ø.004Ⓜ V U
144 PLC

.610 MIN

.129

6 BSC

6 -V-

.100 TYP

.100 14 PLC

6 BSC

6 -U-

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R.GRZYBOWSKI 24JAN05	TE Connectivity	
DIMENSIONS: INCHES	CHK M.PERCHERKE 24JAN05	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	APVD M.PERCHERKE -		
	PRODUCT SPEC 108-1973		
	APPLICATION SPEC 114-13038	SIZE A1 CAGE CODE 00779 DRAWING NO C-6450552	RESTRICTED TO -
MATERIAL - -	WEIGHT -		
	FINISH - -	CUSTOMER DRAWING	SCALE 4:1 SHEET 5 OF 8 REV F5

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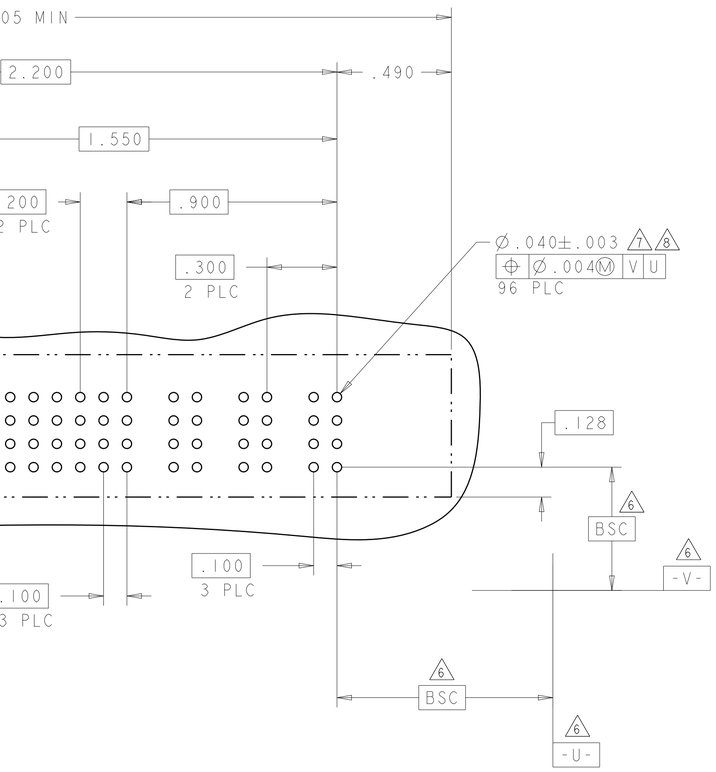
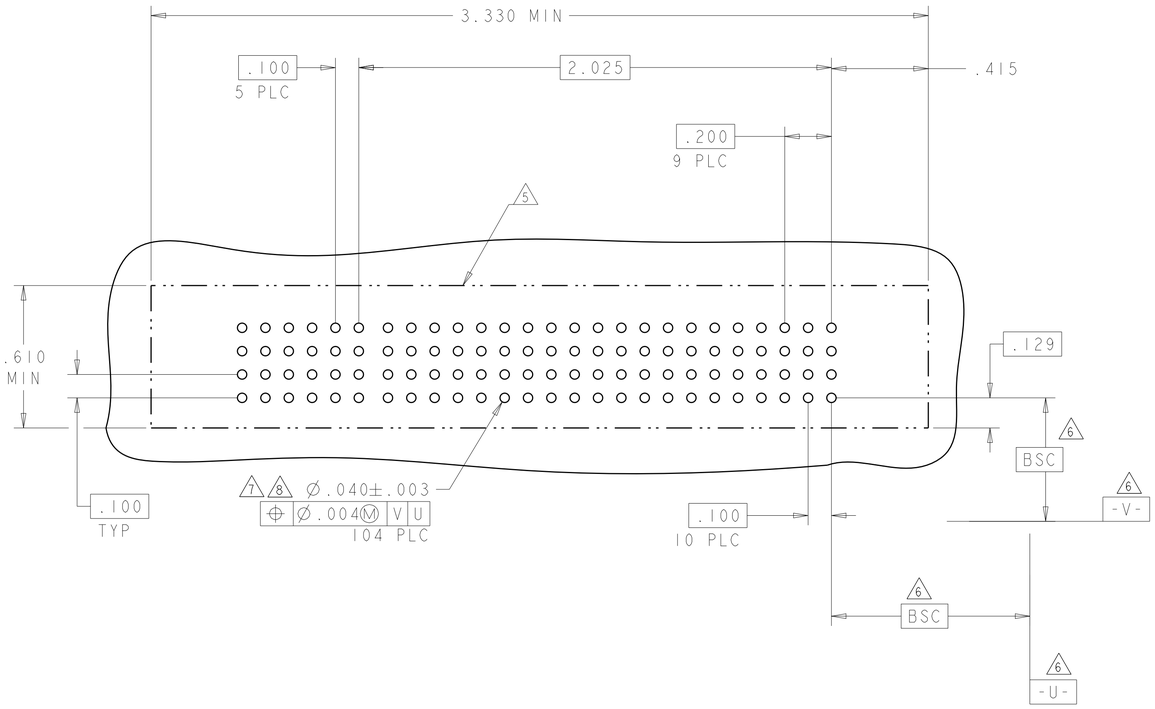
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	SIGNAL 6 5 4 3 2 1	POWER P9 P8 P7 P6 P5 P4 P3 P2 P1
6450552-5	D C B A	BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP BP	HS HS HS HS HS HS HP HS HS
3ACP + 6P + 24S			



PART NUMBER	ROWS	SIGNAL 6 5 4 3 2 1	POWER P10 P9 P8 P7 P6 P5 P4 P3 P2 P1
1-6450552-9	D C B A	AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP AP	GS GS GS GP GP GP GP GP GS GS
10HDP + 24S			



THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R.GRZYBOWSKI 24JAN05	TE Connectivity	
DIMENSIONS: INCHES	CHK M.PERCHERKE 24JNA05	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	APVD M.PERCHERKE -	SIZE A1	CAGE CODE 00779
	PRODUCT SPEC 108-1973	DRAWING NO C-6450552	RESTRICTED TO -
MATERIAL - -	APPLICATION SPEC 114-13038	WEIGHT -	SCALE 4:1 SHEET 6 OF 8 REV F5
FINISH - -		CUSTOMER DRAWING	

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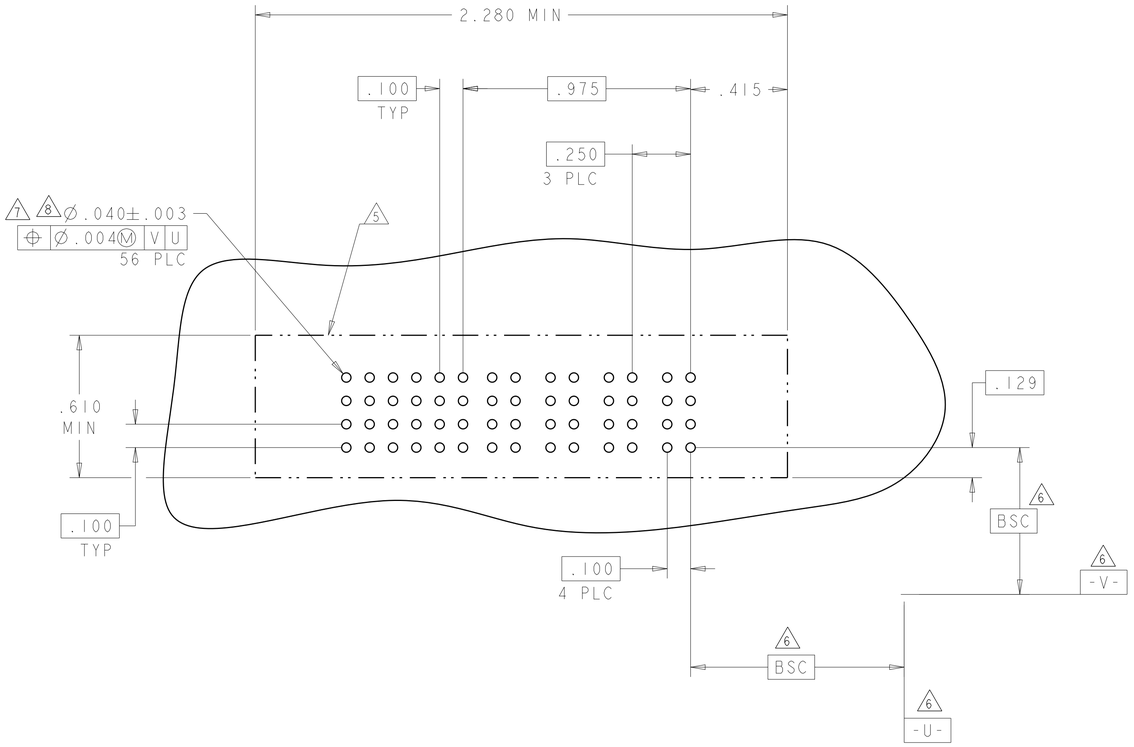
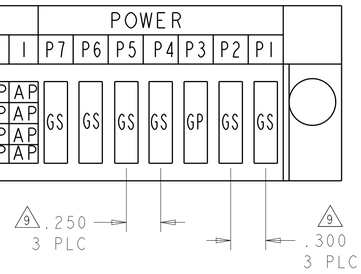
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

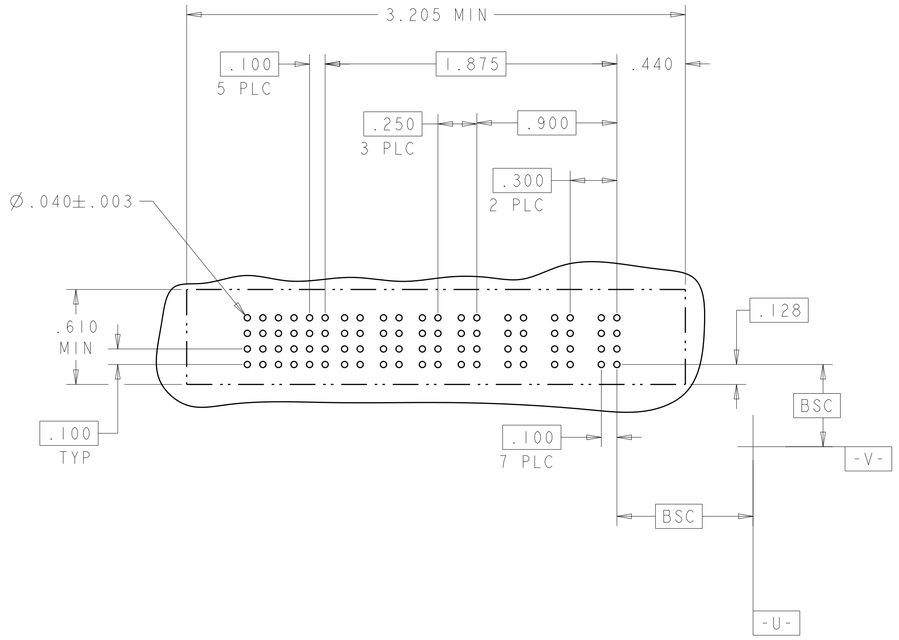
ASSY PART NUMBER	ROWS	SIGNAL 6	5	4	3	2	1	POWER P4	P3	P2	P1
2-6450552-0	D	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
	C	AP	AP	AP	AP	AP	AP				
	B	AP	AP	AP	AP	AP	AP				
	A	AP	AP	AP	AP	AP	AP				
4P + 24S											



PART NUMBER	ROWS	SIGNAL 6	5	4	3	2	1	POWER P7	P6	P5	P4	P3	P2	P1
6450552-7	D	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GP	GS	GS
	C	AP	AP	AP	AP	AP	AP							
	B	AP	AP	AP	AP	AP	AP							
	A	AP	AP	AP	AP	AP	AP							
3ACP + 4P + 24S														



F2



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DIMENSIONS: INCHES

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0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -

FINISH - -

DWN R GRZYBOWSKI 24JAN05
CHK M PERCHERKE 24JAN05
APVD M PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450552	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 7 OF 8 | REV F5

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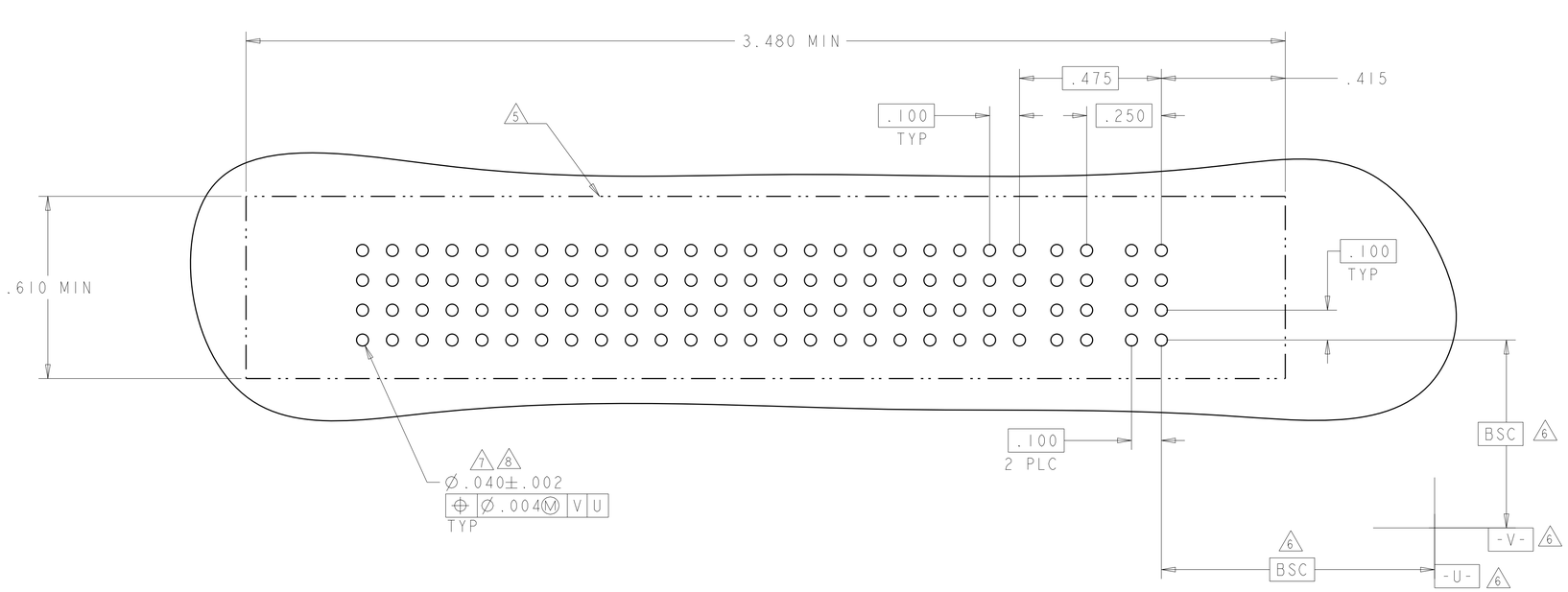
ES	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	SIGNAL																						POWER	
		23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1
6450552-2	D	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GS
	C	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP		
	B	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP		
	A	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP		
2P + 92S																										

F3



THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R.GRZYBOWSKI 24JAN05	TE Connectivity	
DIMENSIONS: INCHES	CHK M.PERCHERKE 24JNA05	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	APVD M.PERCHERKE -	SIZE A1	CAGE CODE 00779
	PRODUCT SPEC 108-1973	DRAWING NO C-6450552	RESTRICTED TO -
MATERIAL - -	APPLICATION SPEC 114-13038	WEIGHT -	
FINISH - -	CUSTOMER DRAWING	SCALE 4:1	SHEET 8 OF 8 REV F5

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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