MATING FACE OF QIKMATE™ RECTANGULAR CONNECTOR



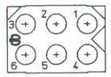
2 POSITIONS



3 POSITIONS



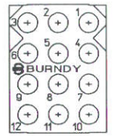
4 POSITIONS



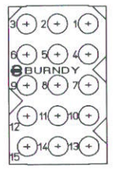
6 POSITIONS



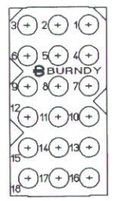
9 POSITIONS



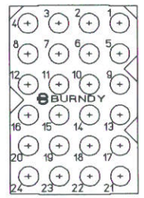
12 POSITIONS



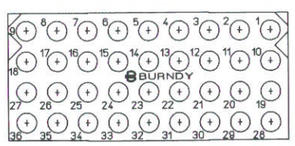
15 POSITIONS



18 POSITIONS

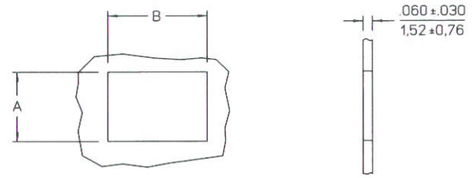


24 POSITIONS



36 POSITIONS

PANEL CUTOUT DIMRNSIONS		
RECEPTACLE CONNECTOR CATALOG NUMBER	DIM A	DIM B
SMS/SMV2R-1	.455 [11,56]	.450 [11,43]
SMS/SMV3R-1	.455 [11,56]	.650 [16,51]
SMS/SMV4R-1	.455 [11,56]	.850 [21,19]
SMS/SMV6R-1	.655 [16,64]	.650 [16,51]
SMS/SMV9R-1	.655 [16,64]	.850 [21,19]
SMS/SMV12R-1	.655 [16,64]	1.050 [26,67]
SMS/SMV15R-1	.655 [16,64]	1.250 [31,75]
SMS/SMV18R-1	.655 [16,64]	1.450 [36,83]
SMS/SMV24R-1	.855 [21,72]	1.450 [36,83]
SMS/SMV36R-1	1.050 [26,67]	1.855 [47,12]



PERFORMANCE CHARACTERISTICS	
CHARACTERISTICS	PERFORMANCE
OPERATING TEMPERATURE	-55°C TO 105°C
INSULATION RESISTANCE	5000 MEGOHMS AT 500 VOLTS D.C.
TEST POTENTIAL(1 MIN DURATION) AT SEA LEVEL	2000 VOLTS A.C.
CONTACT RETENTION IN CONNECTOR (MIN.)	10 POUNDS
CONNECTOR MATING FORCES	2 POSITIONS - 1 POUND 3 POSITIONS - 1 POUND 6 OUNCES 4 POSITIONS - 2 POUNDS 6 POSITIONS - 3 POUNDS 9 POSITIONS - 4 POUNDS 6OUNCES 12 POSITIONS - 6 POUNDS 15 POSITIONS - 7 POUNDS 6 OUNCES 18 POSITIONS - 9 POUNDS 24 POSITIONS - 12 POUNDS 36 POSITIONS - 18 POUNDS
HUMIDITY (240 HRS. AT 40°C, 90-95% R.H.	MEETS INSULATION RESISTANCE AND TEST VOLTAGE REQUIREMENTS
VIBRATION (PER MIL-STD-202 METHOD 204)	NO CRACKING OF DIELECTRIC OR LOOSENING OF CONTACTS, NO DISCONTINUITY GREATER THAN 10 MICROSECONDS
SHOCK (PER MIL-STD-202B METHOD 213 COND. A)	NO CRACKING OF DIELECTRIC OR LOOSENING OF CONTACTS, NO DISCONTINUITY GREATER THAN 10 MICROSECONDS
DURABILITY	SHALL WITHSTAND 500 MATINGS AND UNMATINGS
WORKING VOLTAGE	750 VOLTS (SEE NOTES 3 AND 4)

NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET THIS DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982.
2. CONTACT DESIGNATIONS SHOWN APPEAR ON BOTH MATING FACE AND WIRE FACE OF CONNECTOR.
3. CONNECTOR IS U.L. COMPONENT RECOGNIZED FILE E31151 (250 VOLT RATED), GUIDE NO. RTRT-2.
4. CONNECTOR IS CSA CERTIFIED FILE 39151 (250 VOLT RATED).
5. SMV__P/R-1 ASSEMBLIES AVAILABLE IN NATURAL (WHITE) ONLY.

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胜特力电子(深圳) 86-755-83298787
https://www.100y.com.tw

MATERIAL

SMS__P/R-1: NYLON PER MIL-M-20693A, UL94V-2 (COLOR: SEE COLOR TABLE).

SMV__P/R-1: NYLON UL94V-0, (COLOR-NATURAL [WHITE])

COLOR TABLE		
COLOR	SUFFIX LETTER	
	SMS___	SMV___
NATURAL (WHITE)	A	BLANK
BLACK	BLANK	
BLUE	B	
GREEN	G	<5
RED	R	
YELLOW	Y	

CONNECTOR CATALOG NUMBER

SMS/SMV __ P/R - 1Y

- SMS/SMV: QIKMATE™ RECTANGULAR CONNECTOR (SEE MATERIAL DESCRIPTION)
- __: NO. OF CONTACT POSITIONS (SEE TABLE)
- P/R: CONNECTOR TYPE P= PLUG R= RECEPTACLE
- 1Y: COLOR (SEE COLOR TABLE) <5

SUPERSEDES SE72097 REV.15

REV	REVISION DESCRIPTION	BY	CHKD	DATE
16	REDRAWN ON CAD TO E SIZE WITH NO CHANGE (ECN 3129)	DET	PEP	10-27-94

QIKMATE™ RECTANGULAR CONNECTOR

CAT NO SMS/SMV__P/R-1 (SEE TABLE)

DWG RELEASED TO CENTRAL FILE 10-28-94

CAGE NO 09922 | ECN 3129 | PC 732

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APPROVAL		
DRWN	JOHN B	1-27-79
CHKD	SFP	03-14-79
DSGN	D.L.	3-22-79
MKT	MG	10-27-94
QC	SJ	10-27-94

DRAWING SCALE 2:1

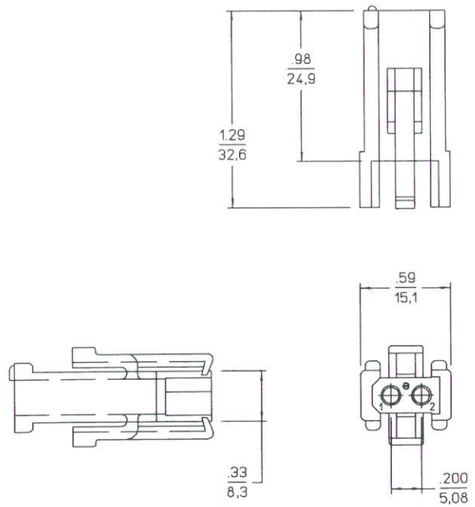
DRAWING NO	REV
SE72097	16

SHEET 1 OF 7

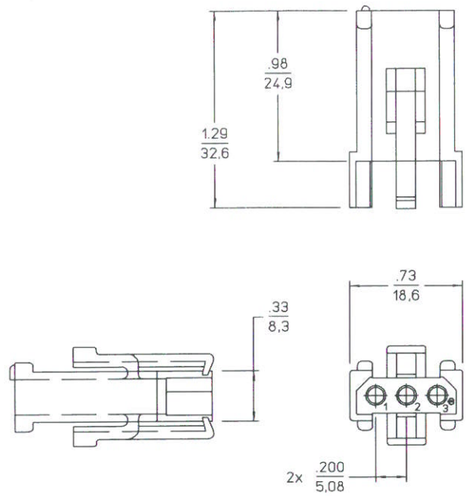
LINEAR MEASURE: INCH / mm — INCH [mm]
THIRD ANGLE PROJECTION
- TOLERANCES - UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0,5]
THREE PLACES	±.005 [±0,13]
ANGLES ±1°	

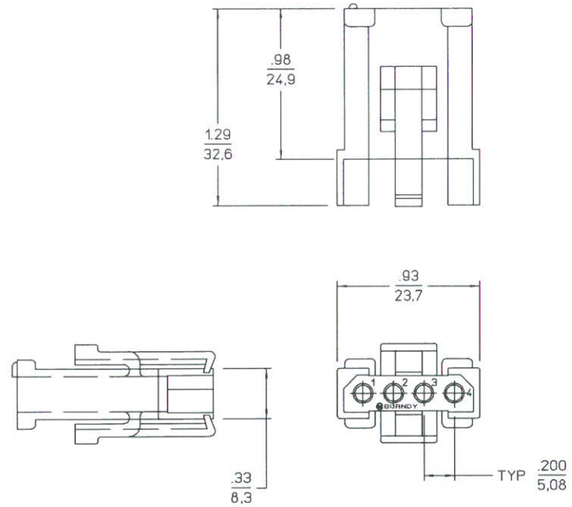
SOURIAU



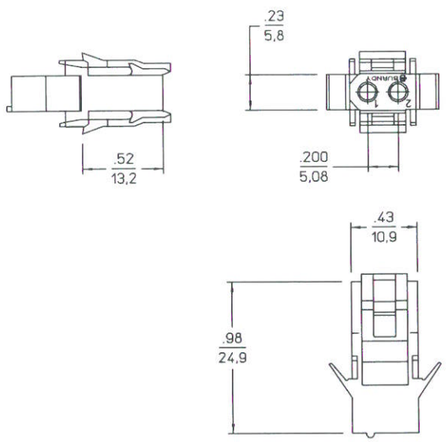
PLUG CONNECTOR
SMS/SMV2P-1___



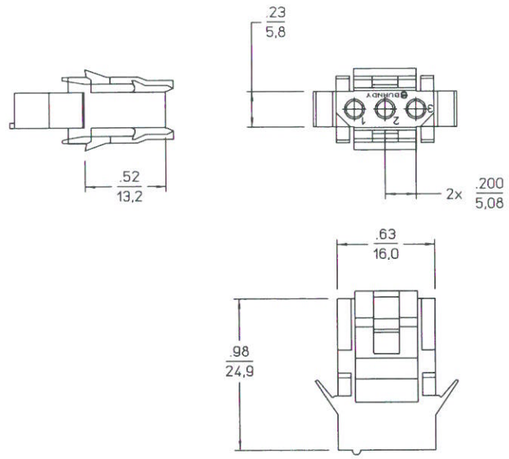
PLUG CONNECTOR
SMS/SMV3P-1___



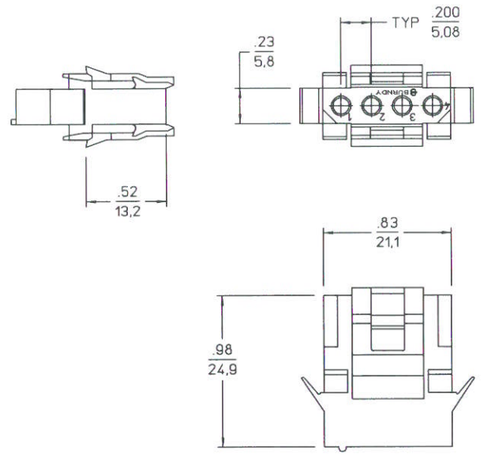
PLUG CONNECTOR
SMS/SMV4P-1___



RECEPTACLE CONNECTOR
SMS/SMV2R-1___



RECEPTACLE CONNECTOR
SMS/SMV3R-1___



RECEPTACLE CONNECTOR
SMS/SMV4R-1___

REV	REVISION DESCRIPTION	BY	CHKD	DATE
—	ALL REVISIONS RECORDED ON SH 1	—	—	———

QIKMATE™ RECTANGULAR CONNECTOR

CAT NO SMS/SMV_P/R-1 (SEE TABLE SHEET 1)

DWG RELEASED TO CENTRAL FILE 10-28-94

CAGE NO 09922 | ECN 3129 | PC 732

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LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION

- TOLERANCES -
UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0,5]
THREE PLACES	±.005 [±0,13]

ANGLES ±1°

APPROVAL

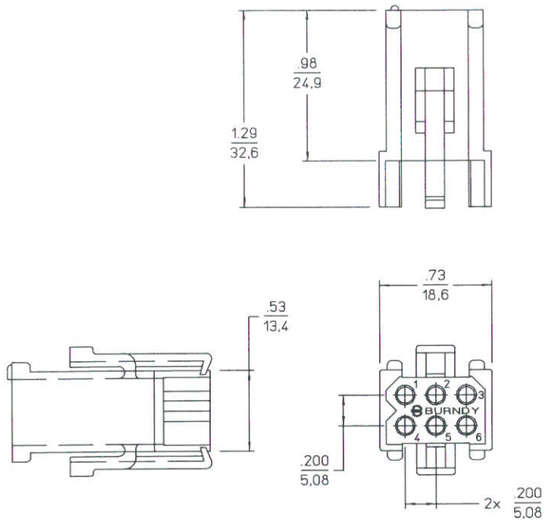
DRWN	D. THOMMEN	
CHKD	SFP	02-02-78
DSGN	RPS	02-02-78
MKT	MG	10-27-94
QC	SJ	10-27-94

DRAWING SCALE 2:1

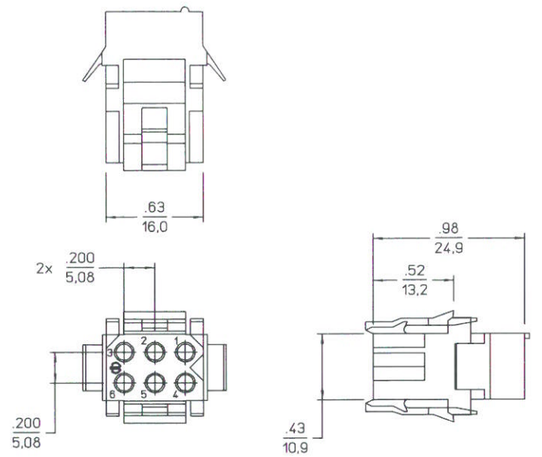
DRAWING NO SE72097 REV 16

SHEET 2 OF 7

SOURIAU
Connection Technologies

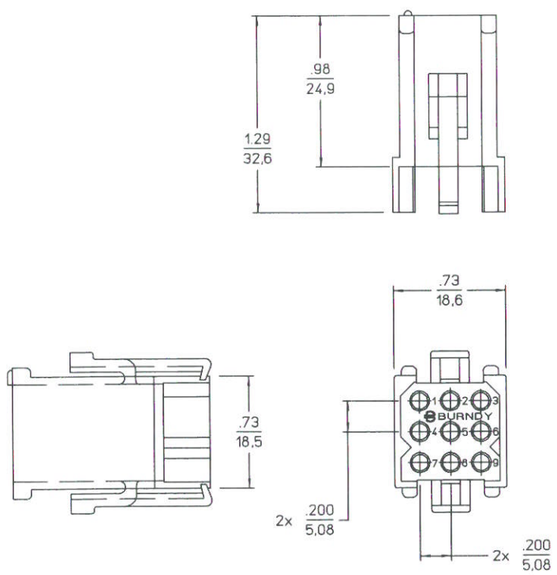


PLUG CONNECTOR
SMS/SMV6P-1___

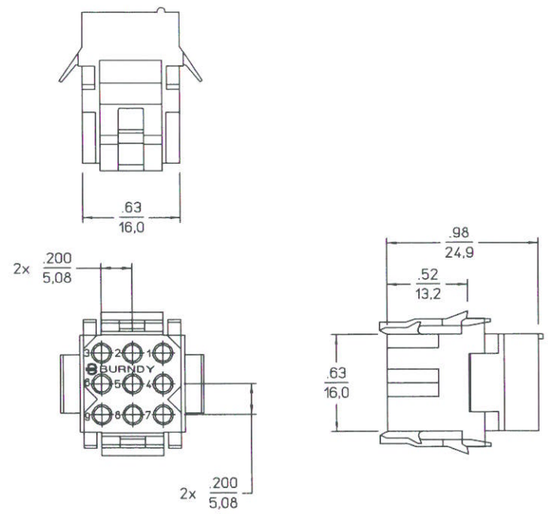


RECEPTACLE CONNECTOR
SMS/SMV6R-1___

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胜特力电子(深圳) 86-755-83298787
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PLUG CONNECTOR
SMS/SMV9P-1___



RECEPTACLE CONNECTOR
SMS/SMV9R-1___

	ALL REVISIONS RECORDED ON SH 1			
REV	REVISION DESCRIPTION	BY	CHKD	DATE

QIKMATE™ RECTANGULAR CONNECTOR

CAT NO SMS/SMV_P/R-1 (SEE TABLE SHEET 1)

DWG RELEASED TO CENTRAL FILE 10-28-94

CAGE NO 09922 | ECN 3129 | PC 732

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APPROVAL		
DRWN	JOHN B.	1-30-79
CHKD	SFP	03-14-79
DSGN	D.L.	03-22-79
MKT	MG	10-27-94
QC	SJ	10-27-94

DRAWING SCALE 2:1

DRAWING NO	REV
SE72097	16

SHEET 3 OF 7

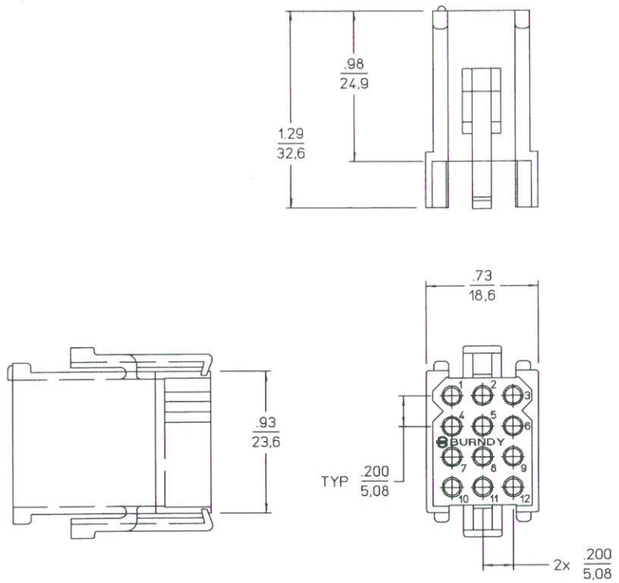
LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION

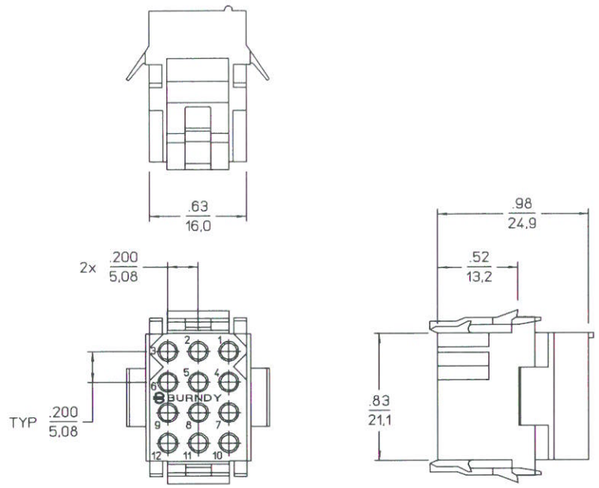
- TOLERANCES -
UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0.5]
THREE PLACES	±.005 [±0.13]
ANGLES ±1°	

SOURIAU

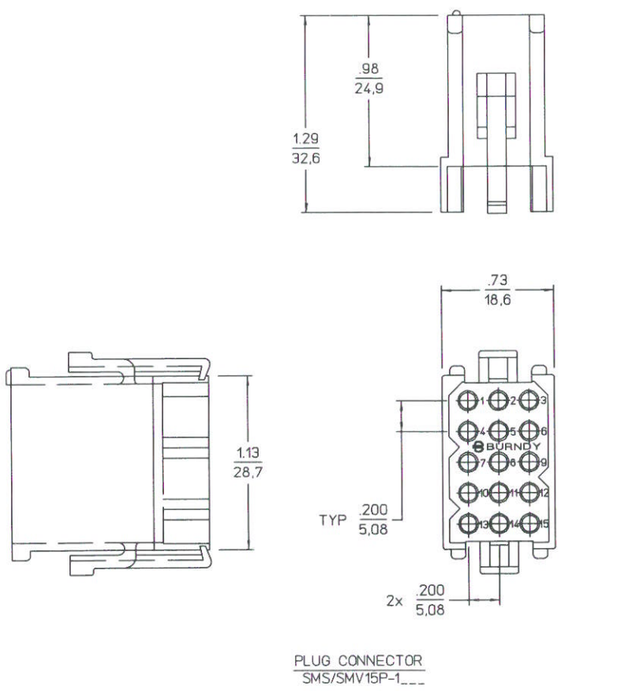


PLUG CONNECTOR
SMS/SMV12P-1___

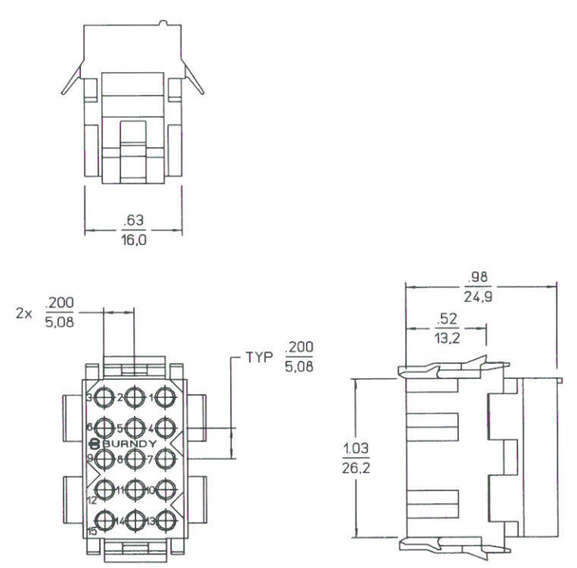


RECEPTACLE CONNECTOR
SMS/SMV12R-1___

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PLUG CONNECTOR
SMS/SMV15P-1___



RECEPTACLE CONNECTOR
SMS/SMV15R-1___

LINEAR MEASURE: INCH mm INCH [mm]
THIRD ANGLE PROJECTION
- TOLERANCES - UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0,5]
THREE PLACES	±.005 [±0,13]
ANGLES ±1°	

REV	REVISION DESCRIPTION	BY	CHKD	DATE
—	ALL REVISIONS RECORDED ON SH 1	—	—	—

QIKMATE™ RECTANGULAR CONNECTOR

CAT NO SMS/SMV_P/R-1 (SEE TABLE SHEET 1)

DWG RELEASED TO CENTRAL FILE 10-27-94
CAGE NO 09922 | ECN 3129 | PC 732

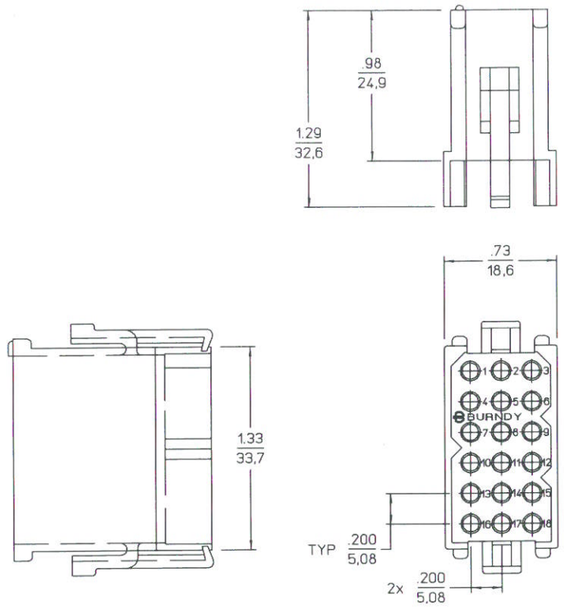
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SOURIAU

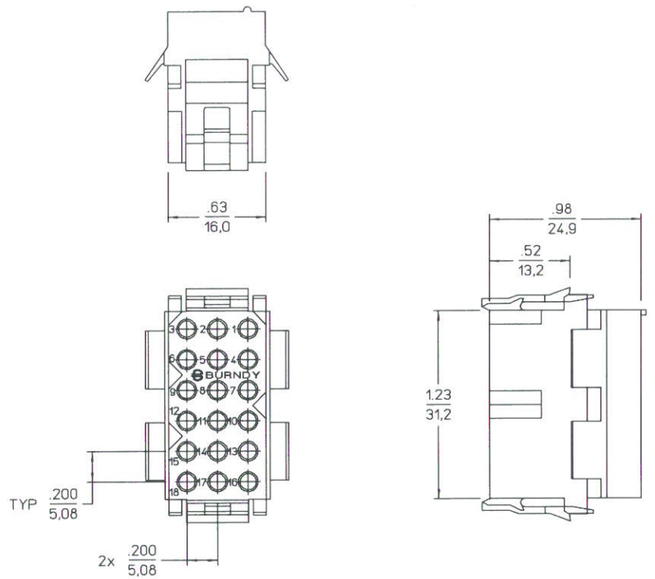
APPROVAL		
DRWN	JOHN B.	2-1-79
CHKD	SFP	03-14-79
DSGN	D.L.	03-22-79
MKT	MG	10-27-94
QC	SJ	10-27-94

DRAWING SCALE 2:1

DRAWING NO	REV
SE72097	16

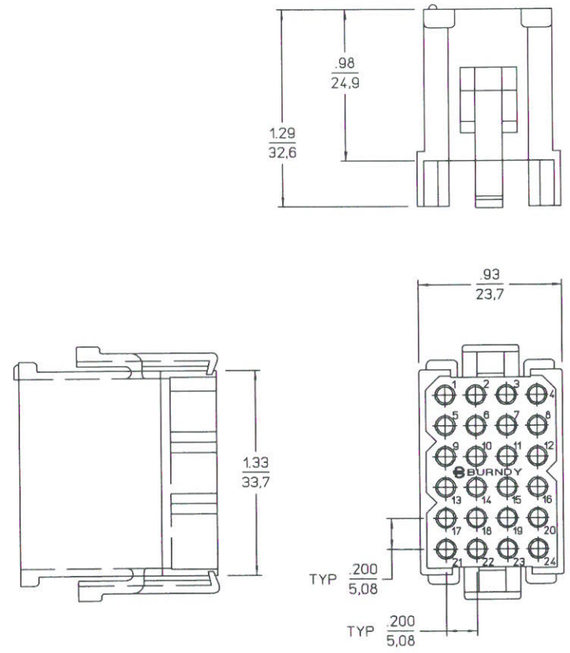


PLUG CONNECTOR
SMS/SMV18P-1___

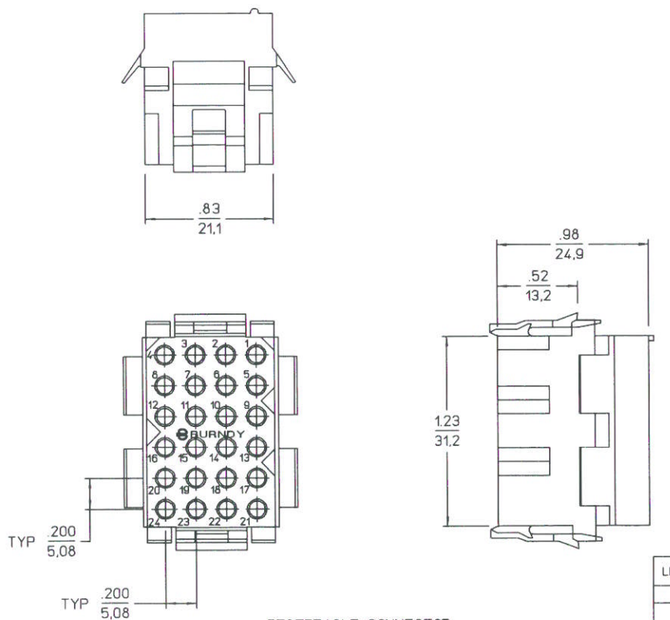


RECEPTACLE CONNECTOR
SMS/SMV18R-1___

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胜特力电子(深圳) 86-755-83298787
https://www.100y.com.tw



PLUG CONNECTOR
SMS/SMV24P-1___



RECEPTACLE CONNECTOR
SMS/SMV24R-1___

—	ALL REVISIONS RECORDED ON SH 1	—	—	——
REV	REVISION DESCRIPTION	BY	CHKD	DATE

QIKMATE™ RECTANGULAR CONNECTOR

CAT NO SMS/SMV_P/R-1 (SEE TABLE SHEET 1)

DWG RELEASED TO CENTRAL FILE 10-28-94

CAGE NO 09922 | ECN 3129 | PC 732

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APPROVAL		
DRWN	CEB	02-27-79
CHKD	SFP	03-14-79
DSGN	D.L.	03-22-79
MKT	MG	10-27-94
QC	SJ	10-27-94

DRAWING SCALE 2:1

DRAWING NO	REV
SE72097	16

SHEET 5 OF 7

LINEAR MEASURE: INCH mm INCH [mm]

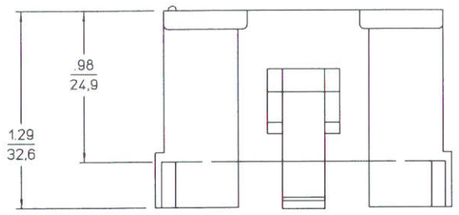
THIRD ANGLE PROJECTION

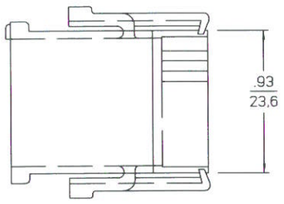
- TOLERANCES -
UNLESS OTHERWISE SPECIFIED

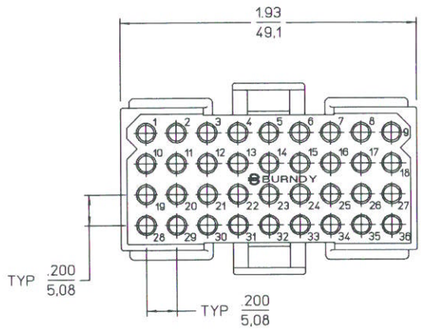
NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0,5]
THREE PLACES	±.005 [±0,13]
ANGLES ±1°	

SOURIAU

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勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
https://www.100y.com.tw

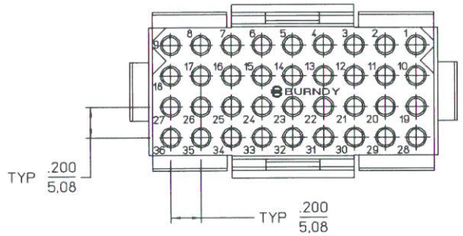


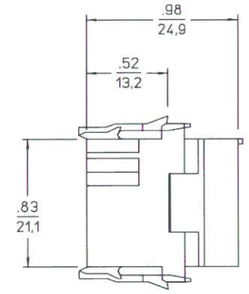




PLUG CONNECTOR
SMS/SMV36P-1___







RECEPTACLE CONNECTOR
SMS/SMV36R-1___

—	ALL REVISIONS RECORDED ON SH 1	—	—	——
REV	REVISION DESCRIPTION	BY	CHKD	DATE

QIKMATE™ RECTANGULAR CONNECTOR

CAT NO SMS/SMV_P/R-1 (SEE TABLE SHEET 1)

DWG RELEASED TO CENTRAL FILE 10-27-94
CAGE NO 09922 | ECN 3129 | PC 732

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LINEAR MEASURE: INCH mm INCH [mm]
THIRD ANGLE PROJECTION
- TOLERANCES -
UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0,5]
THREE PLACES	±.005 [±0,13]
ANGLES ±1°	

APPROVAL

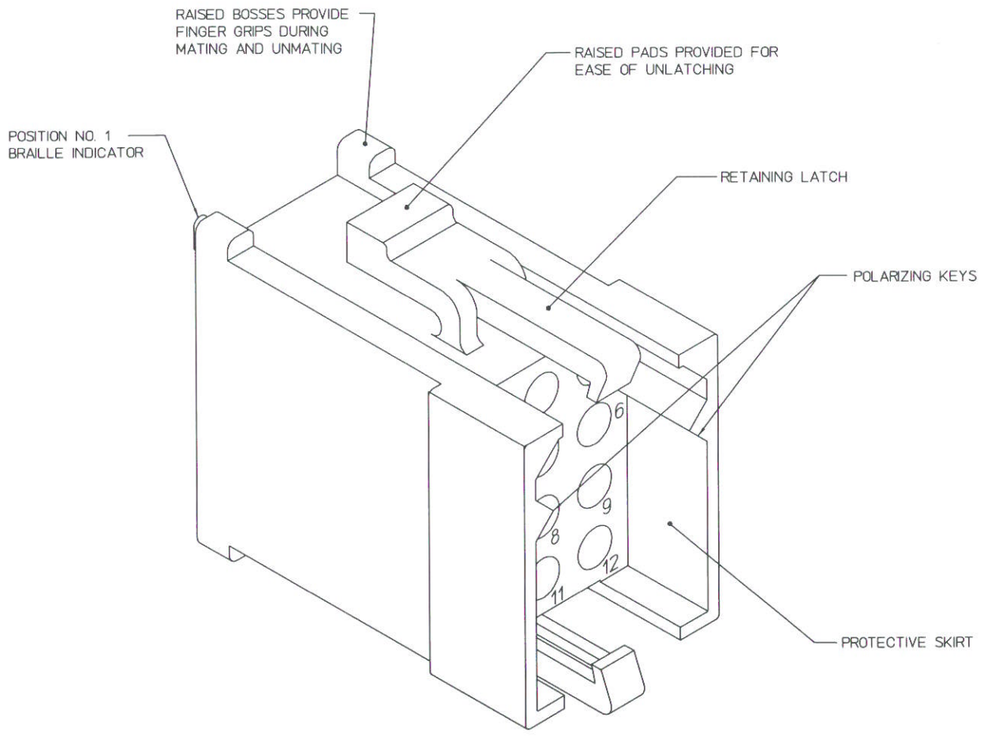
DRWN	JOHN B.	2-1-79
CHKD	SFP	03-14-79
DSGN	D.L.	03-22-79
MKT	MG	10-27-94
QC	SJ	10-27-94

DRAWING SCALE 2:1

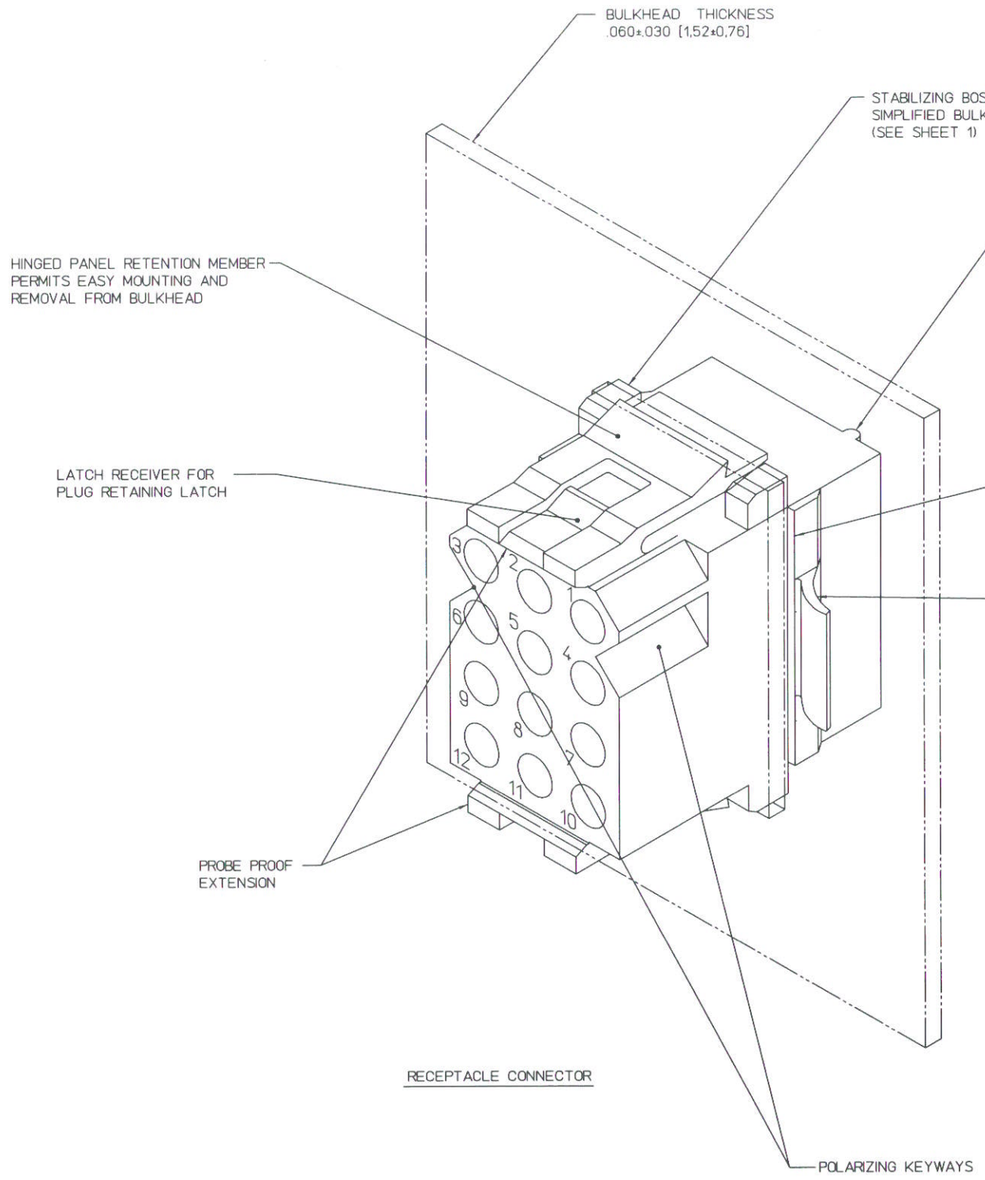
DRAWING NO	REV
SE72097	16

SHEET 6 OF 7

SOURIAU



PLUG CONNECTOR



RECEPTACLE CONNECTOR

勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
https://www.100y.com.tw

REV	REVISION DESCRIPTION	BY	CHKD	DATE
—	ALL REVISIONS RECORDED ON SH 1	—	—	——

QIKMATE™ RECTANGULAR CONNECTOR

CAT NO SMS/SMV__P/R-1__ (SEE TABLE SHEET 1)

DWG RELEASED TO CENTRAL FILE 10-27-94

CAGE NO 09922 | ECN 3129 | PC 732

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APPROVAL		
DRWN	PGP	07-17-72
CHKD	RWO	07-19-72
DSGN	RWO	07-19-72
MKT	MG	10-27-94
QC	SJ	10-27-94

DRAWING SCALE 4:1

DRAWING NO SE72097 REV 16

SHEET 7 OF 7

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION

- TOLERANCES - UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0,5]
THREE PLACES	±.005 [±0,13]
ANGLES ±1°	

SOURIAU