



EN3645

TABLE OF CONTENTS

MILITARY CIRCULAR CONNECTORS

EN & CJ PART NUMBER BUILDER.....	4
TECHNICAL FEATURES	5
EN3645 STYLE 0 (RECEPTACLE, FLANGE MOUNT).....	6
EN3645 STYLE 7 (RECEPTACLE, JM NUT MOUNT)	7
EN3645 STYLE 6 (PLUG, RFI, SELF LOCKING)	8
TABLE INSERT ARRANGEMENTS	9
INSERT ARRANGEMENTS DRAWINGS.....	11
ALTERNATE KEYING & ROTATIONS.....	18
CONTACT AND ASSEMBLY TOOLING INFORMATION	19
SEALING PLUGS/THREAD DATA.....	20

EN3645

EXAMPLE PART NUMBERING



CORSAIR PREFIX	CJ24	20	W	B	16	P	N
CONNECTOR CONFIGURATION 20 (20) RECEPTACLE, WALL MOUNT 24 (24) RECEPTACLE, JAM NUT MOUNT 26 (26) PLUG, RFI, STANDARD							
CLASS F ENVIRONMENTAL RESISTING-CONDUCTIVE FINISH ELECTROLESS NICKEL -65°C- +200°C(ROHS) K ENVIRONMENTAL RESISTING-CORROSION RESISTANT STEEL WITH FIREWALL BARRIER, PASSIVATED -65°C- +200°C(ROHS) T ENVIRONMENTAL RESISTING-NICKEL FLOUROCARBON POLYMER, CONDUCTIVE FINISH -65°C- +175°C(ROHS) W ENVIRONMENTAL RESISTING-CORROSION RESISTANT FINISH OLIVE DRAB CADMIUM PLATE OVER UNDERPLATE -65°C- +175°C							
SHELL SIZE A(9), B(11), C(13), D(15), E(17), F(19), G(21), H(23), J(25)							
INSERT ARRANGEMENT REFER TO LAYOUT PATTERNS PER MIL-STD-1560							
CONTACT TYPE P PIN (MIL) S SOCKET (MIL) A CONNECTOR LESS PINS B CONNECTOR LESS SOCKETS							
POLARIZATION N NORMAL A, B, C, D, E ALTERNATE POSITIONS, REFER TO POLARIZATION CHART							

ASD PREFIX	EN3645	W	0	B	N	16	M	N
FINISH F ENVIRONMENTAL RESISTING-CONDUCTIVE FINISH ELECTROLESS NICKEL -65°C- +200°C(ROHS) K ENVIRONMENTAL RESISTING-CORROSION RESISTANT STEEL WITH FIREWALL BARRIER, PASSIVATED -65°C- +200°C(ROHS) T ENVIRONMENTAL RESISTING-NICKEL FLOUROCARBON POLYMER, CONDUCTIVE FINISH -65°C- +175°C(ROHS) W ENVIRONMENTAL RESISTING-CORROSION RESISTANT FINISH OLIVE DRAB CADMIUM PLATE OVER UNDERPLATE -65°C- +175°C								
CONNECTOR CONFIGURATION 0 RECEPTACLE, WALL MOUNT 7 RECEPTACLE, JAM NUT MOUNT 6 PLUG, RFI, STANDARD								
SHELL SIZE A(9), B(11), C(13), D(15), E(17), F(19), G(21), H(23), J(25)								
GROUNDING, NONE (N)								
INSERT ARRANGEMENT REFER TO LAYOUT PATTERNS PER EN3645-002								
CONTACT TYPE M PIN (EN3645) F SOCKET (EN3645) A CONNECTOR LESS PINS B CONNECTOR LESS SOCKETS								
POLARIZATION N NORMAL A, B, C, D, E ALTERNATE POSITIONS, REFER TO POLARIZATION CHART								

TOLERANCE XX ± .010 .XXX ± .005 ANGLES ± 1°	TITLE EN3645 CORSAIR PART NUMBER CROSS REFERENCE	SHEET 1 OF 1	DWG. NO. EN3645	REV -
www.corsairelectricalconnectors.com (949) 833-0273				

EN3645

FEATURES



TECHNICAL FEATURES

GENERAL SPECIFICATIONS

REAR RELEASE CONTACT RETENTION SYSTEM. 9 SHELL SIZES (A TO J) UP TO 150 INSERT ARRANGEMENTS UTILIZING CONTACT SIZES 22D, 20, 16, 12, AND 8 GAGE CRIMP CONTACTS PER EN3155 OR AS39029. USES TRIPLE START THREAD COUPLING MECHANISM. ACCEPTS AS85049 BACKSHELLS

OPERATING TEMPERATURE RANGE:

ALUMINIUM: -65° C TO 175 °C (W)
-65°C TO 200 °C (F)

STAINLESS STEEL: -65° C TO 200° C

USES BeCu CONTACT RETAINERS

ENVIRONMENTAL SEALING ~
FLOUROSILICONE ELASTOMERS

INSULATOR MATERIAL ~ FIBERGLASS
REINFORCED EPOXY

MECHANICALSPECIFICATIONS

ENDURANCE:

MATING CYCLES: 500 (STANDARD CONTACTS)

SHOCK: 300 g 3ms Per EIA364-27

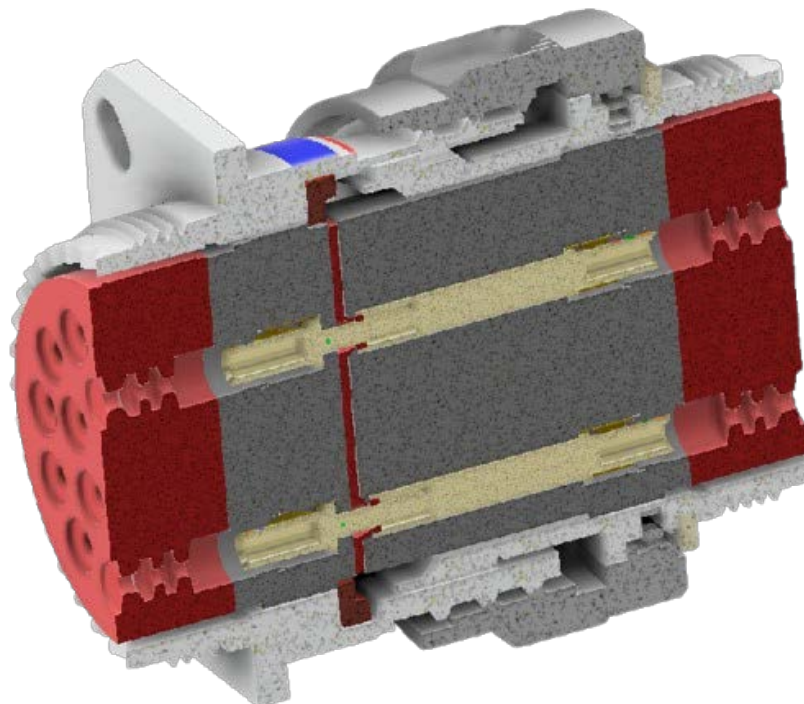
VIBRATION: Random 49.5G Ambient EIA364-28
Sine 60G

CONTACT RETENTION: Per EIA 364-29

SALT SPRAY : Per EIA364-26 & EN2591-307

FLUID IMMERSION: Per EIA364-10 & EN2591-315

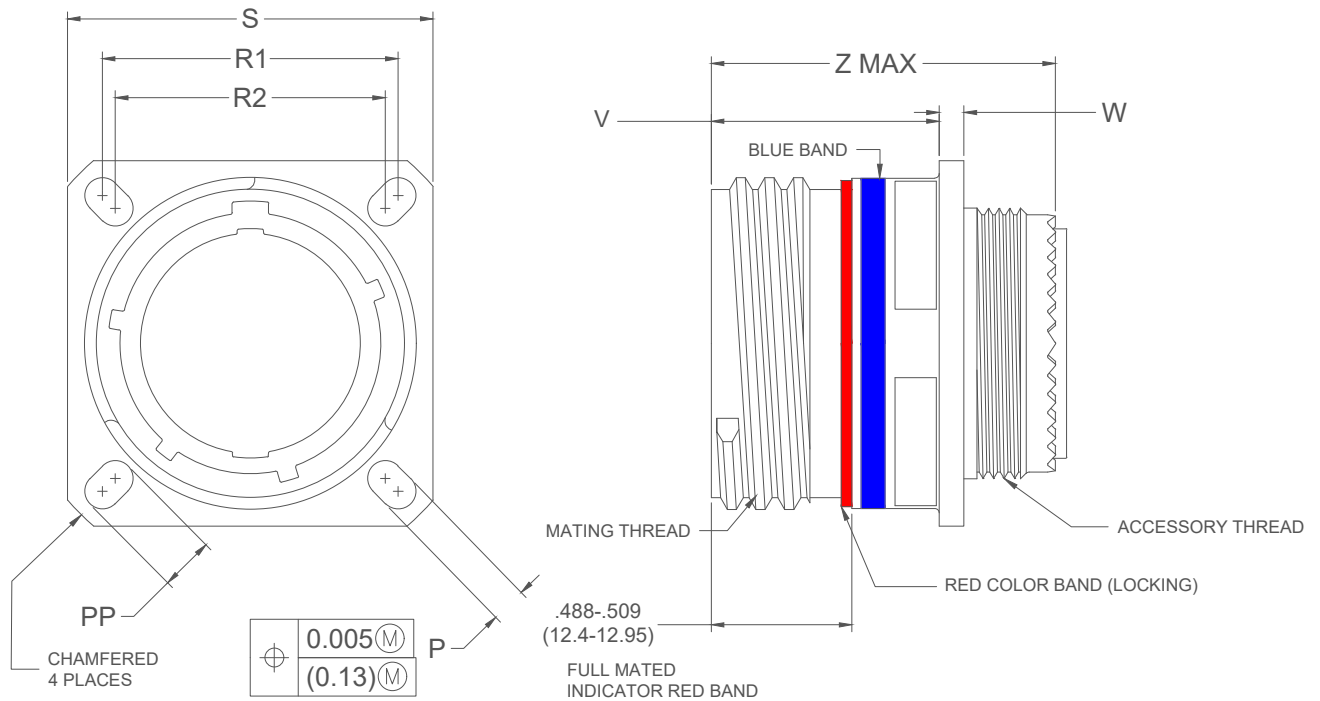
MOULD GROWTH: Per EN2591-306



TOLERANCE XX ± .010 .XXX ± .005 ANGLES ± 1°	TITLE TECHNICAL FEATURES, EN3645	SHEET 1 OF 1	DWG. NO. EN3645	REV -
www.corsairelectricalconnectors.com (949) 833-0273				

EN3645 STYLE 0

RECEPTACLE, PANEL MOUNT



SHELL SIZE	SHELL SIZE CODE	"M" Max front or rear panel thickness	"P" ±0.20"	"PP" ±0.20"	"R1"	"R2"	"S" ±0.3"	"V" +0.00 -1.25"	W	"Z" MAX	MASS (g) W & F MAX	MASS (g) K MAX
9	A	".228 (5.80)"	0.128 (3.25)	".216 (5.49)"	".719 (18.26)"	".594 (15.09)"	".937 (23.8)"	".820 (20.83)"	".098/.083 (2.5/2.1)"	"1.240 (31.5)"	10	25
11	B		0.128 (3.25)	".194 (4.93)"	"20.62 (.812)"	".719 (18.26)"	"1.031 (26.2)"	".820 (20.83)"	".098/.083 (2.5/2.1)"	"1.240 (31.5)"	16	32
13	C		0.128 (3.25)	".194 (4.93)"	"23.01 (.906)"	".812 (20.62)"	"1.126 (28.6)"	".820 (20.83)"	".098/.083 (2.5/2.1)"	"1.240 (31.5)"	19	42
15	D		0.128 (3.25)	".173 (4.39)"	"24.61 (.969)"	".906 (23.01)"	"1.220 (31.0)"	".820 (20.83)"	".098/.083 (2.5/2.1)"	"1.240 (31.5)"	25	50
17	E		0.128 (3.25)	".194 (4.93)"	"1.062 (26.97)"	".969 (24.61)"	"1.311 (33.3)"	".820 (20.83)"	".098/.083 (2.5/2.1)"	"1.240 (31.5)"	32	67
19	F		0.128 (3.25)	".194 (4.93)"	"1.156 (29.36)"	"26.97 (1.062)"	"1.437 (36.5)"	".820 (20.83)"	".098/.083 (2.5/2.1)"	"1.240 (31.5)"	39	82
21	G	".197 (5.00)"	0.128 (3.25)	".194 (4.93)"	"1.250 (31.75)"	"1.156 (29.36)"	"1.563 (39.7)"	".790 (20.07)"	"0.126/.083 (3.2/2.1)"	"1.240 (31.5)"	45	91
23	H		".154 (3.91)"	".242 (6.15)"	"1.375 (34.93)"	"1.250 (31.75)"	"1.689 (42.9)"	".790 (20.07)"	"0.126/.083 (3.2/2.1)"	"1.240 (31.5)"	54	103
25	J		".154 (3.91)"	".242 (6.15)"	"1.500 (38.10)"	"1.375 (34.93)"	"1.811 (46.0)"	".790 (20.07)"	"0.126/.083 (3.2/2.1)"	"1.240 (31.5)"	59	125

TOLERANCE
XX ± .010
.XXX ± .005
ANGLES ± 1°

TITLE
RECEPTACLE, THREADED, WALL MOUNTING FLANGE,
EN3645

SHEET
1 OF 1

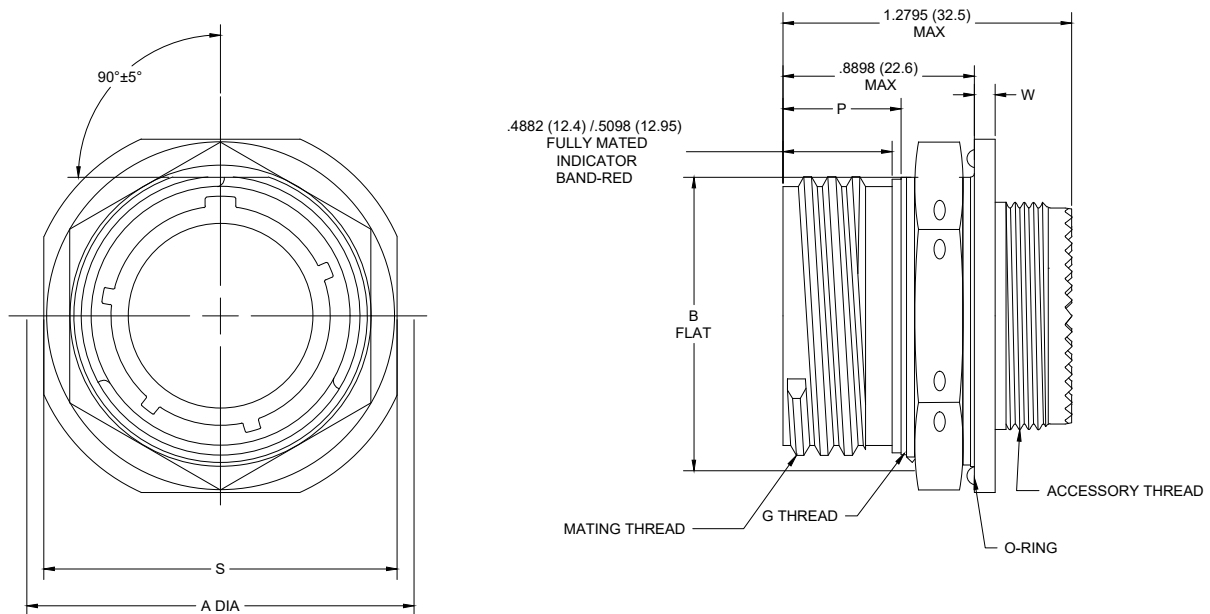
DWG. NO.
EN3645

REV
-

www.corsairelectricalconnectors.com (949) 833-0273

EN3645 STYLE 7

RECPT, JAM NUT, THRU HOLE MTG

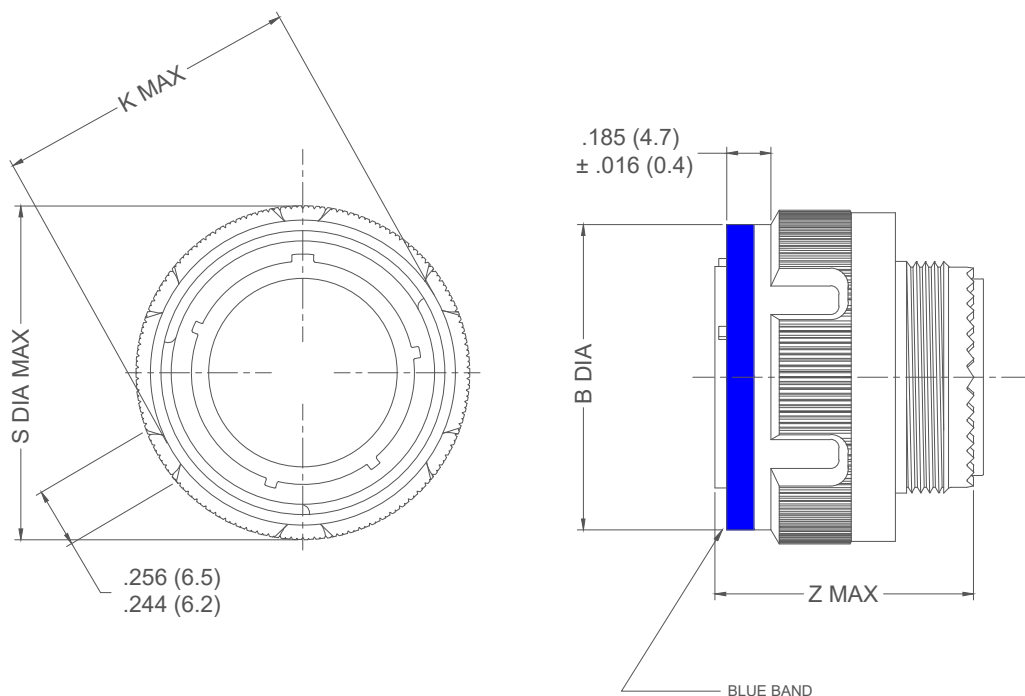


SHELL SIZE	SHELL SIZE CODE	A DIA ±0.012	B FLAT +0.10 -0.15	G THREAD	P +0.6 -0.0	S ±0.04	W +0.035 -0.004	Recommended O-ring SAE-AS3582 (M25988/3)	MASS (g) W & F MAX	MASS (g) K MAX
9	A	1.189 (30.2)	.651 (16.53)	M17x1-6g 0.100R	.555 (14.1)	1.063 (27.0)	.087 (2.2)	-019	15	35
11	B	1.374 (34.9)	.751 (19.07)	M20x1-6g 0.100R	.555 (14.1)	1.252 (31.8)	.087 (2.2)	-022	21	45
13	C	1.500 (38.1)	.938 (23.82)	M25x1-6g 0.100R	.555 (14.1)	1.374 (34.9)	.087 (2.2)	-024	27	60
15	D	1.626 (41.3)	1.062 (26.97)	M28x1-6g 0.100R	.555 (14.1)	1.500 (38.1)	.087 (2.2)	-026	32	70
17	E	1.752 (44.5)	1.187 (30.15)	"M32x1-6g 0.100R (see note 4.B)"	.555 (14.1)	1.626 (41.3)	.087 (2.2)	-028	40	90
19	F	1.937 (49.2)	1.312 (33.32)	M35x1-6g 0.100R	.555 (14.1)	1.811 (46.0)	.118 (3.0)	-128	49	104
21	G	2.063 (52.4)	1.437 (36.50)	M38x1-6g 0.100R	.555 (14.1)	1.937 (49.2)	.118 (3.0)	-130	54	117
23	H	2.189 (55.6)	1.562 (39.67)	M41x1-6g 0.100R	.555 (14.1)	2.063 (52.4)	.118 (3.0)	-132	65	132
25	J	2.311 (58.7)	1.687 (42.85)	M44x1-6g 0.100R	.555 (14.1)	2.189 (55.6)	.118 (3.0)	-134	73	158

TOLERANCE XX ± .010 .XXX ± .005 ANGLES ± 1°	TITLE RECPT, JAM, THREADED , PANEL MOUNT EN3645	SHEET 1 OF 1	DWG. NO. EN3645	REV -
		www.corsairelectricalconnectors.com (949) 833-0273		

EN3645 STYLE 6

PLUG, THREADED, RFI, SELF LOCKING



SHELL SIZE	SHELL SIZE CODE	B DIA +.008 (.2) -0.0	K MAX	S DIA MAX	Z MAX	MASS (g) W & F MAX	MASS (g) K MAX
9	A	.724 (18.4)	.748 (19.0)	.858 (21.8)	1.220 (31.0)	15	32
11	B	.830 (21.1)	.862 (21.9)	.984 (25.0)	1.220 (31.0)	20	41
13	C	25.4 (.999)	1.03 (26.1)	1.157 (29.4)	1.220 (31.0)	27	57
15	D	1.129 (28.7)	1.15 (29.3)	1.27 (32.5)	1.220 (31.0)	34	69
17	E	1.26 (32.2)	1.29 (32.8)	1.40 (35.7)	1.220 (31.0)	37	72
19	F	1.49 (34.9)	1.39 (35.5)	1.51 (38.5)	1.220 (31.0)	48	94
21	G	1.49 (38.1)	1.52 (38.7)	1.64 (41.7)	1.220 (31.0)	55	105
23	H	1.61 (41.1)	1.64 (41.7)	1.76 (44.9)	1.220 (31.0)	67	117
25	J	1.74 (44.3)	1.76 (44.9)	1.88 (48.0)	1.220 (31.0)	71	121

TOLERANCE

XX ± .010

.XXX ± .005

ANGLES ± 1°

TITLE

PLUG, THREADED, RFI, SELF LOCKING

EN3645

SHEET

3 OF 3

DWG. NO.

EN3645

REV

-

www.corsairelectricalconnectors.com (949) 833-0273

EN3645

ARRANGMENT LISTING



Shell				Contact Size								Notes
	Size	Service Rating	Total # of Contacts	22D	22M	22	20	16	12	10	8	
A	A-35	M	6	6								
	A-98	I	3				3					
B	B-2	I	2					2				
	B-5	I	5				5					
	B-35	M	13	13								
	B-98	I	6				6					
	B-99	I	7				7					
C	C-4	I	4					4				
	C-8	I	8				8					
	C-35	M	22	22								
	C-98	I	10				10					
D	D-5	II	5					5				
	D-15	I	15				14	1				
	D-18	I	18				18					
	D-19	I	19				19					
	D-35	M	37	37								
	D-97	I	12				8	4				
E	E-2	M	39	38							1	① ②
	E-6	I	6						6			
	E-8	II	8					8				
	E-26	I	26				26					
	E-35	M	55	55								
	E-99	I	23				21	2				
F	F-11	II	11					11				
	F-32	I	32				32					
	F-35	M	66	66								
G	G-11	I	11						11			
	G-16	II	16					16				
	G-35	M	79	79								
	G-39	I	39				37	2				
	G-41	I	41				41					
	G-75	TWINAX	4								4	

TOLERANCE
XX ± .010
.XXX ± .005
ANGLES ± 1°

TITLE
EN3645, ARRANGEMENT LISTING

SHEET
1 OF 2

DWG. NO.
EN3645

REV
-

www.corsairelectricalconnectors.com (949) 833-0273

EN3645

ARRANGMENT LISTING



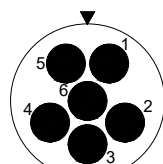
Shell				Contact Size								Notes
	Size	Service Rating	Total # of Contacts	22D	22M	22	20	16	12	10	8	
H	H-21	II	21					21				
	H-35	M	100	100								
	H-36	I	36				36					
	H-53	I	53				53					
	H-55	I	55				55					
	H-99	II	E					11				
J	J-4	I	56				48	8				
	J-7	M	99	97							2	① ②
	J-8	TWINAX	8								8	②
	J-11	N	11				2			9		
	J-19	I	19						19			
	J-20	N	30				10	13		4	3	① ②
	J-24	I	24					12	12			
	J-29	I	29					29				
	J-35	M	128	128								
	J-37	II	37					37				
	J-43	I	43				23	20				
	J-46	I	46				40	4			2	① ②
	J-61	I	61				61					

①	Split Service Rating
②	The use of Size 8 SAE-AS39029/90 mand 91 Twinax contacts may derate the Connector with this Insert Arrangement and will require efforts to reduce the splaying of the Contacts. Heat shrink sleeves used with the Size 8 Twinax contacts are rated to 175° C (347° F) maximum.

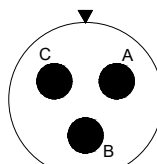
TOLERANCE XX ± .010 .XXX ± .005 ANGLES ± 1°	TITLE EN3645, ARRANGEMENT LISTING	SHEET 2 OF 2	DWG. NO. EN3645	REV -
		www.corsairelectricalconnectors.com (949) 833-0273		

EN3645

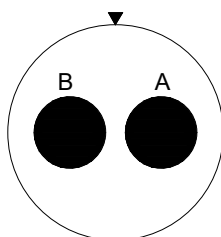
ARRANGEMENTS



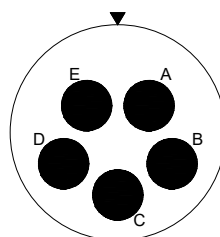
A35,
6 #22D, M



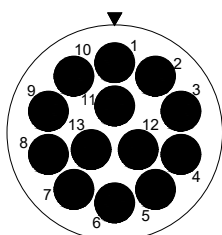
A98,
3 #20, I



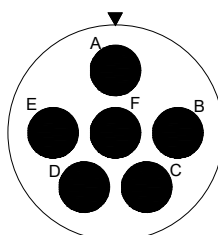
B2,
2 #16, I



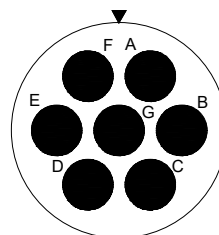
B4,
5 #20, I



B35,
13 #22D, M



B98,
6 #20, I



B99,
7 #20, I

CONTACT
SIZE LEGEND:



SIZE 22D



SIZE 20



SIZE 16



SIZE 12



SIZE 8

TOLERANCE

XX ± .010

.XXX ± .005

ANGLES ± 1°

TITLE

EN3645, INSERT ARRANGEMENTS

SHEET

1 OF 7

DWG. NO.

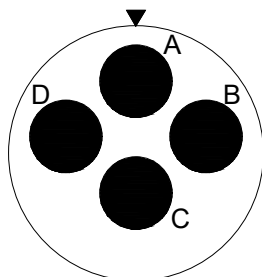
EN3645

REV

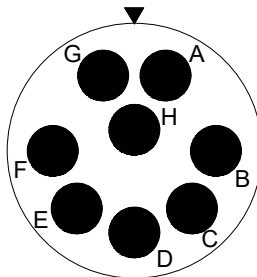
-

EN3645

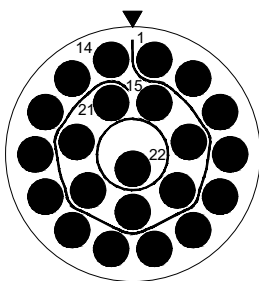
ARRANGEMENT



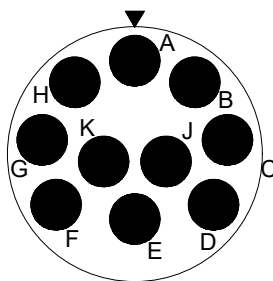
C4,
4 #16, I



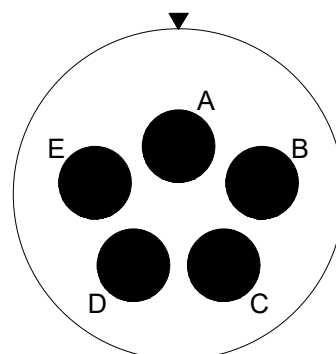
C8,
4 #20, I



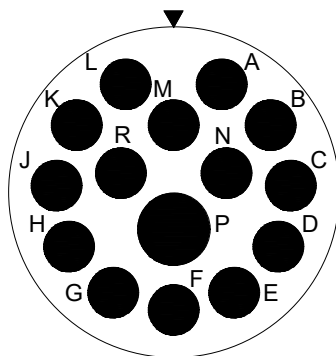
C35,
22 #22D, M



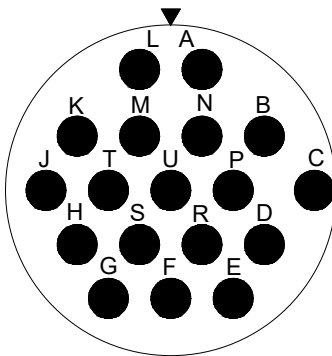
C98,
10 #20, I



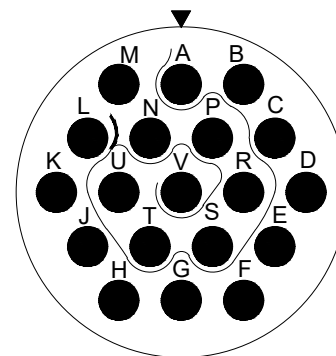
D5,
5 #16, II



D15,
1 #16, 14 #20, I



D18,
18 #20, I



D19,
19 #20, I

CONTACT
SIZE LEGEND:



SIZE 22D



SIZE 20



SIZE 16



SIZE 12

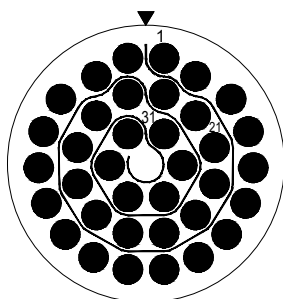


SIZE 8

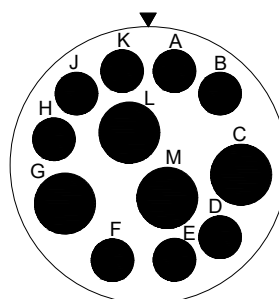
TOLERANCE XX ± .010 .XXX ± .005 ANGLES ± 1°	TITLE EN3645, INSERT ARRANGEMENTS	SHEET 2 OF 7	DWG. NO. EN3645	REV -
www.corsairelectricalconnectors.com (949) 833-0273				

EN3645

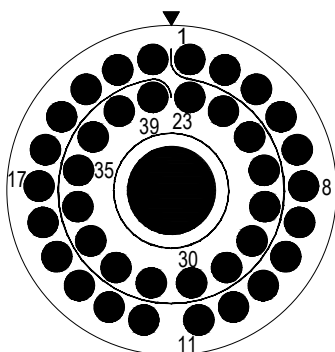
ARRANGEMENT



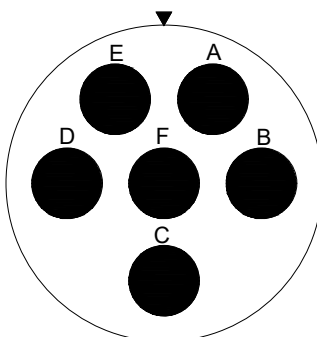
D35,
37 #22D, M



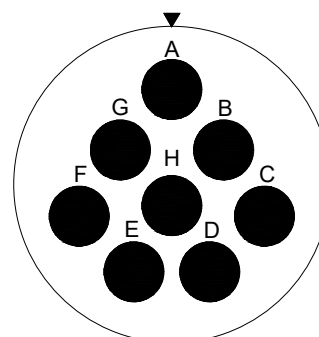
D97,
4 #16, 8 #20, I



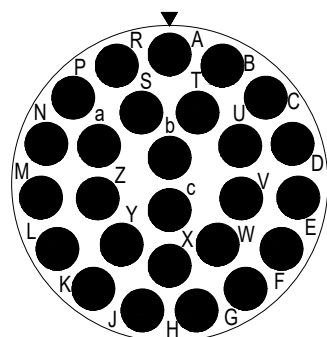
E2,
38 #22D, I 1 #8 TWINAX



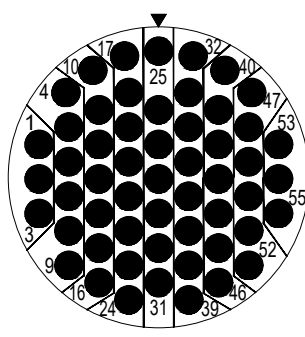
E6,
6 #12, I



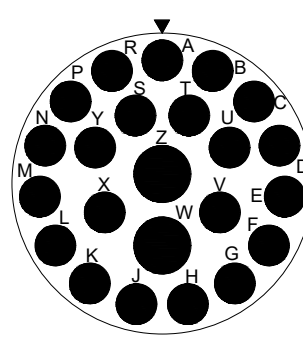
E8,
8 #16, II



E26,
26 #20, I



E35,
55 #22D, M



E99,
2 #16, 21 #20, I

CONTACT
SIZE LEGEND:



SIZE 22D



SIZE 20



SIZE 16



SIZE 12

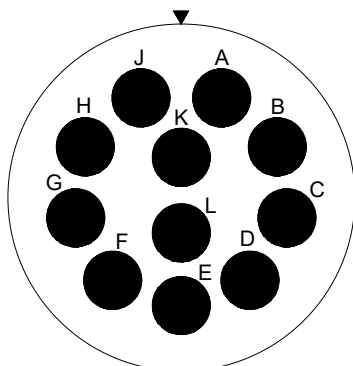


SIZE 8

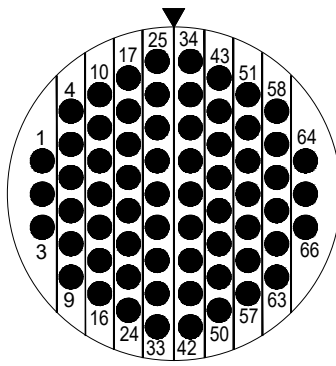
TOLERANCE XX ± .010 .XXX ± .005 ANGLES ± 1°	TITLE EN3645, INSERT ARRANGEMENTS	SHEET 3 OF 7	DWG. NO. EN3645	REV -
www.corsairelectricalconnectors.com (949) 833-0273				

EN3645

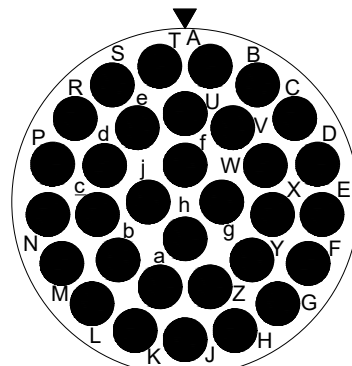
ARRANGEMENT



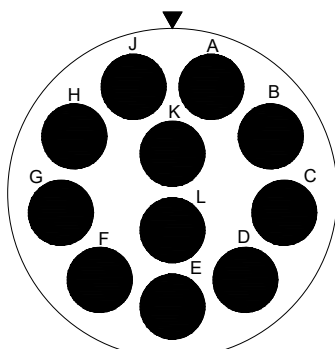
F11,
11 #16, II



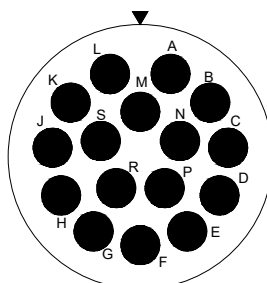
F35,
66 #22D, M



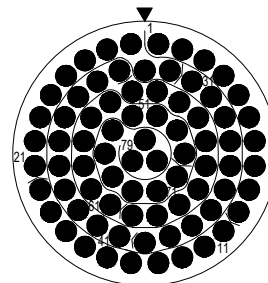
F32,
32 #20, I



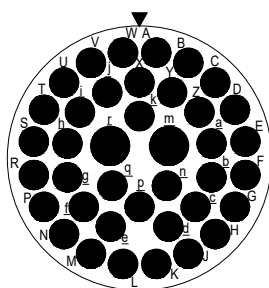
G11,
11 #12, I



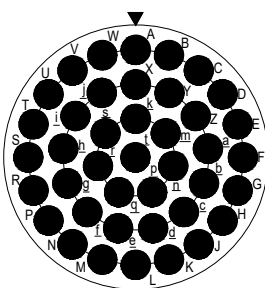
G16,
16 #12, II



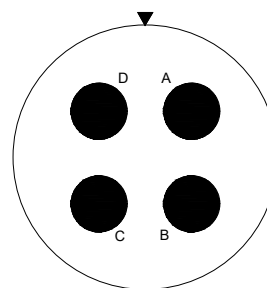
G35
79 #22D, M



G39
2 #16, 37 #20, I



G41
41 #20, I



G75
4 #8 TWINAX

CONTACT
SIZE LEGEND:

● SIZE 22D

● SIZE 20

● SIZE 16

● SIZE 12

● SIZE 8

TOLERANCE

XX ± .010

.XXX ± .005

ANGLES ± 1°

TITLE

EN3645, INSERT ARRANGEMENTS

SHEET

4 OF 7

DWG. NO.

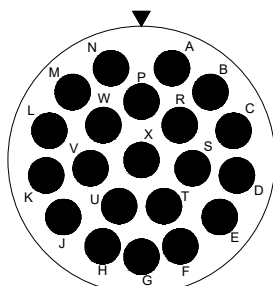
EN3645

REV

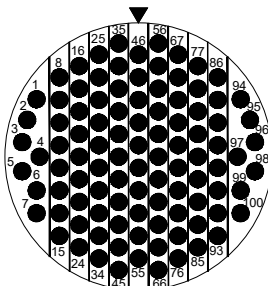
-

EN3645

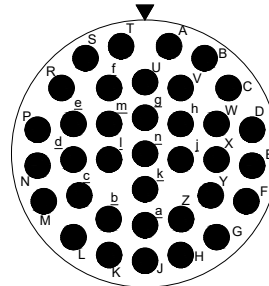
ARRANGEMENTS



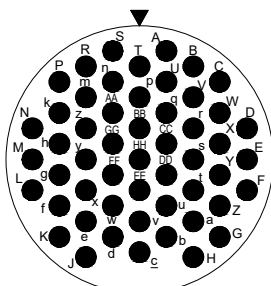
H21,
21 #16, II



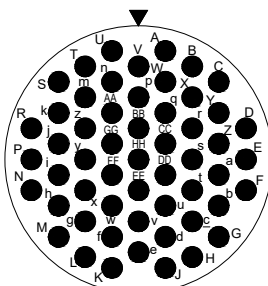
H35,
100 #22D, M



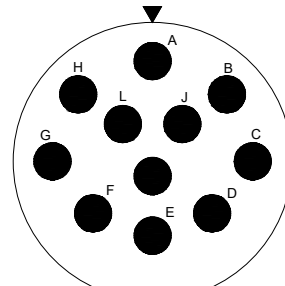
H36,
36 #20, I



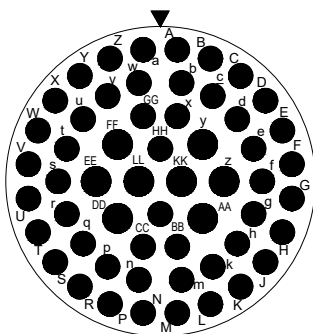
H53,
53 #20, I



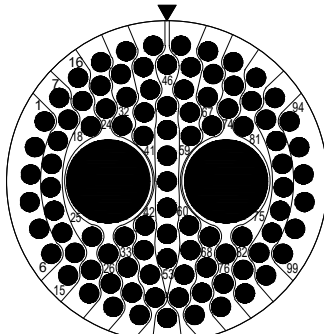
H55,
55 #20, I



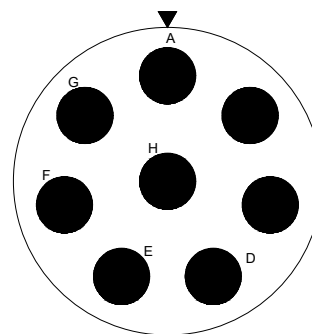
H99,
11 #16, II



J4,
8 #16, 48 #20, I



J7,
2 #8, 97 #22D, M



J8,
8 #12, I TWINAX

CONTACT
SIZE LEGEND:

● SIZE 22D

● SIZE 20

● SIZE 16

● SIZE 12

● SIZE 8

TOLERANCE

XX ± .010

.XXX ± .005

ANGLES ± 1°

TITLE

EN3645, INSERT ARRANGEMENTS

SHEET

5 OF 7

DWG. NO.

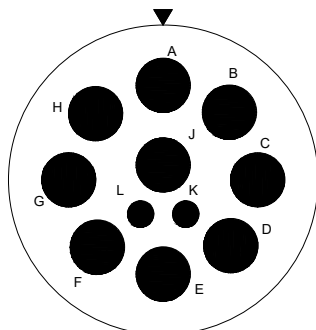
EN3645

REV

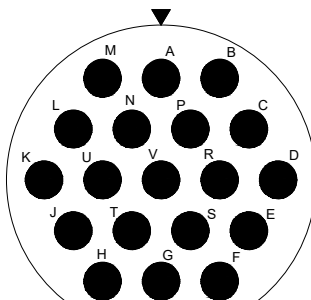
-

EN3645

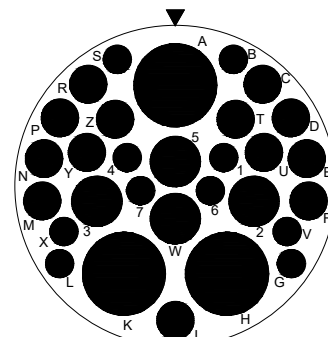
ARRANGEMENTS



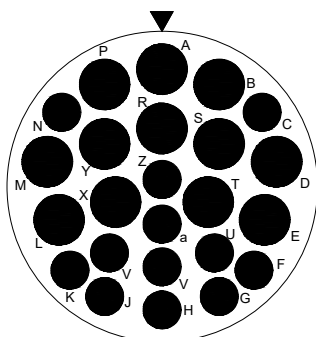
J11,
2 #20 9 #10, N



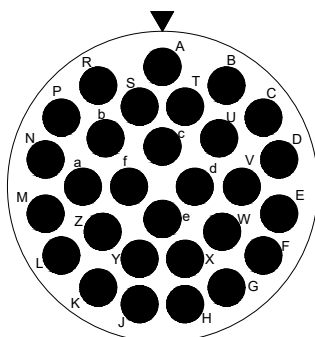
J19,
19 #12, I



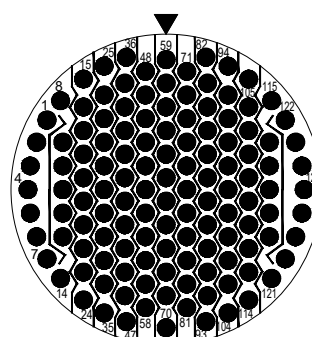
J20,
3 #8 TWINAX, 4 #12 COAX, 13
#16, 10 #20, M



J24,
12 #12, 12 #16, I



J29
29 #16, I



J35,
128, #22D, M

CONTACT SIZE
LEGEND:

● SIZE 22D

● SIZE 20

● SIZE 16

● SIZE 12

● SIZE 8

TOLERANCE

XX ± .010

.XXX ± .005

ANGLES ± 1°

TITLE

EN3645, CONTACT ARRANGEMENTS

SHEET

6 OF 7

DWG. NO.

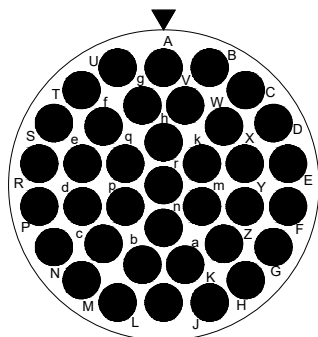
EN3645

REV

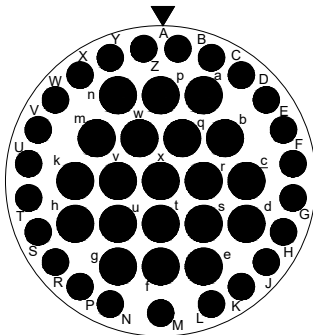
-

EN3645

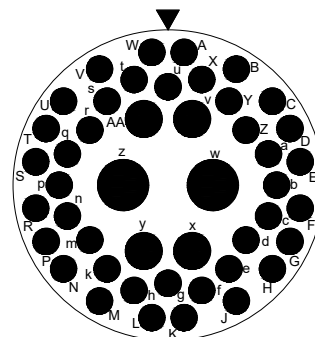
ARRANGEMENTS



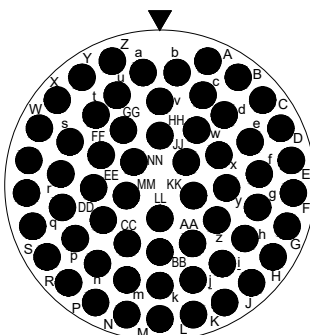
J37,
37, #16, I



J43,
20 #16, 23 #20, I



J46,
2 #8, COAX, 4 #16, 40 #20, I



J61,
61 #20, I

CONTACT

SIZE LEGEND:



SIZE 22D



SIZE 20



SIZE 16



SIZE 12



SIZE 10

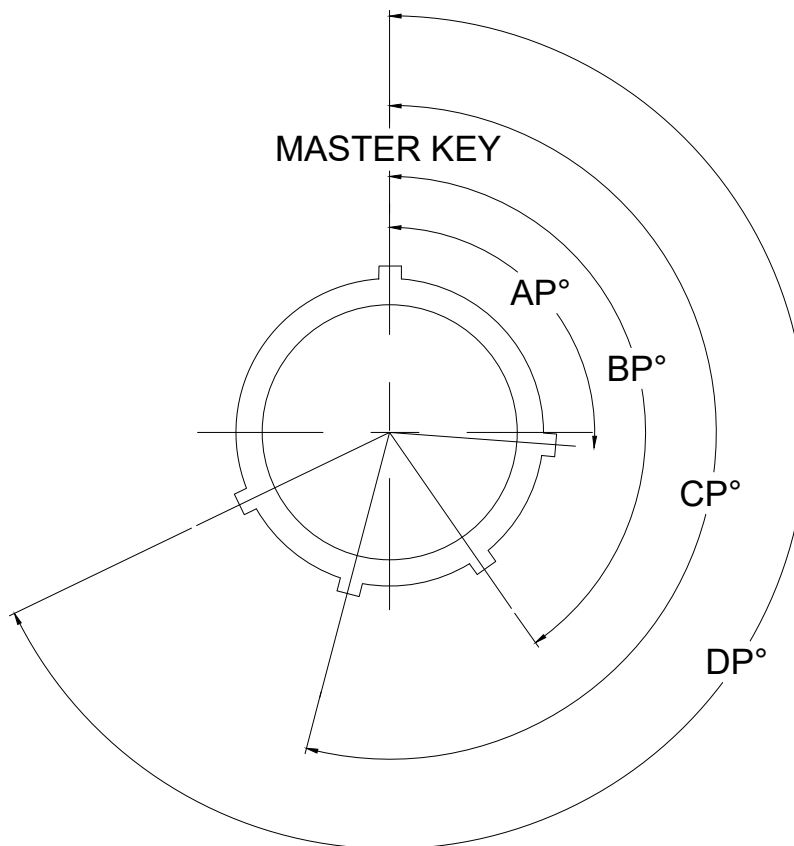


SIZE 8

TOLERANCE XX ± .010 .XXX ± .005 ANGLES ± 1°	TITLE EN3645, INSERT ARRANGEMENTS	SHEET 7 OF 7	DWG. NO. EN3645	REV -
www.corsairelectricalconnectors.com (949) 833-0273				

EN3645

MAIN KEY/KEYWAY POLARIZATION



MAIN KEY AND KEYWAY POLARIZATION					
SHELL SIZE	KEY AND KEYWAY ARRANGEMENT IDENTIFICATION LETTER	AP° BSC	BP° BSC	CP° BSC	DP° BSC
9	N	105	140	215	265
	A	102	132	248	320
	B	80	118	230	312
	C	35	140	205	275
	D	64	155	234	304
	E	91	131	197	240
11, 13, AND 15	N	95	141	208	236
	A	113	156	182	292
	B	90	147.5	195	252
	C	53	156	220	255
	D	119	146	176	298
	E	51	141	184	242
17 AND 19	N	80	142	196	293
	A	135	170	200	310
	B	49	169	200	244
	C	66	140	200	257
	D	62	147.5	180	280
	E	79	153	197	272
21, 23, AND 25	N	80	142	196	293
	A	135	170	200	310
	B	49	169	200	244
	C	66	140	200	257
	D	62	145	180	280
	E	79	153	197	272

TOLERANCE

XX ± .010

.XXX ± .005

ANGLES ± 1°

TITLE

EN3645, KEY/KEYWAY POLARIZATION

SHEET

1 OF 1

DWG. NO.

EN3645

REV

-

www.corsairelectricalconnectors.com (949) 833-0273

EN3645

CONTACT INFORMATION/TOOLS



CONTACT INFORMATION

Contact Size	P/S	Wire Range AWG	EN3155 STD P/N	AS39029/ MIL-STD P/N
Size 22D	PIN	22-28	EN3155-008M2222	AS39029/58-360
	SOCKET		EN3155-009F2222	AS39029/56-348
Size 20	PIN	20-24	EN3155-008M2020	AS39029/58-363
	SOCKET		EN3155-009F2020	AS39029/56-351
Size 16	PIN	16-20	EN3155-008M1616	AS39029/58-364
	SOCKET		EN3155-009F1616	AS39029/56-352
Size 12	PIN	12-14	EN3155-008M1212	AS39029/58-365
	SOCKET		EN3155-009F1212	AS39029/56-353
Size 10	PIN	10-12	NA	AS39029/58-528
	SOCKET		NA	AS39029/56-527
Size 8	PIN	10-8	NA	AS39029/60-367
	SOCKET		NA	AS39029/59-366

CRIMP TOOLS & INSERTION/REMOVAL TOOLS

Contact Size	Plastic Tools Insert/Removal	M22520/ Crimp Tool	M22520/ Positioner
22D I & III	M81969/14-01 GREEN/WHITE	2-01	2-07
22D II	M81969/14-01 GREEN/WHITE	2-01	2-06
20	M81969/14-10 RED/ORANGE	1-01 2-0	1-07 2-10
16	M81969/14-03 BLUE/WHITE	1-01	1-04
12	M81969/14-04 YELLOW/WHITE	1-01	1-04
10	M81969/14-05 GRAY/WHITE	DMC 1716P-1	N/A
8	M81969/14-12 NA/GREEN	23-04	1-04 2-10

TOLERANCE
XX ± .010
.XXX ± .005
ANGLES ± 1°

TITLE
EN3645, CONTACT & TOOL INFORMATION

SHEET
1 OF 1

DWG. NO.
EN3645

REV
-

EN3645

SEALING PLUGS/THREAD INFORMATION



SEALING PLUGS

Contact Size	EN STD P/N	MIL STD P/N	Color key
22D	EN4529-003N22	MS27488-22-2	BLACK
20	EN4529-003N20	MS27488-20-2	RED
16	EN4529-003N16	MS27488-16-2	GREEN
12	EN4529-003N12	MS27488-12-2	ORANGE
10	NA	M85049/81-10	GREEN
8	NA	MS27488-8-2	RED

MATING/ACCESSORY THREADS

MATING THREADS			ACCESSORY THREADS			
SHELL SIZE	SHELL CODE	MATING THREAD	SHELL SIZE	SHELL CODE	ACCESSORY THREAD	NUMBER OF TEETH
9	A	.6250-0.1P0-.3L	9	A	M12 X 1-6g	12
11	B	.7500-0.1-0.3L	11	B	M15 X 1-6g	16
13	C	.8750-0.1P-0.3L	13	C	M18X 1-6g	20
15	D	1.000-0.1P0-.3L	15	D	M22 X 1-6g	24
17	E	1.18750-0.1P-0.3L	17	E	M25 X 1-6g	28
19	F	1.2500-0.1P-0.3L	19	F	M28 X 1-6g	32
21	G	1.3750-0.1P0-.3L	21	G	M31 X 1-6g	36
23	H	1.500-0.1-0.3L	23	H	M34 X 1-6g	40
25	J	1.6250-0.1P-0.3L	25	J	M37 X 1-6g	44

TOLERANCE

XX ± .010

.XXX ± .005

ANGLES ± 1°

TITLE

EN3645, SEALING PLUG/THREAD INFORMATION

SHEET

1 OF 1

DWG. NO.

EN3645

REV

-

www.corsairelectricalconnectors.com (949) 833-0273