

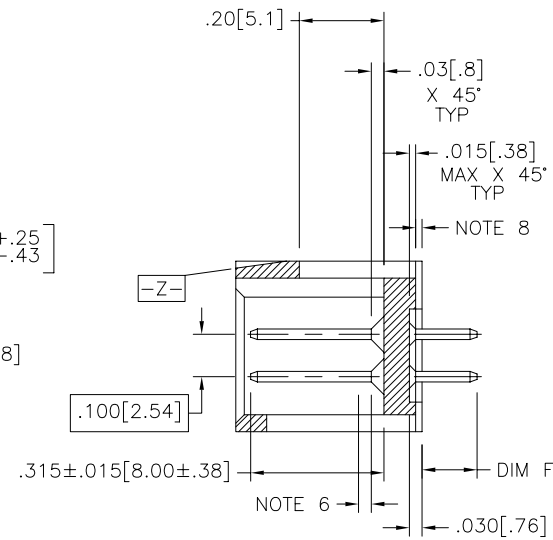
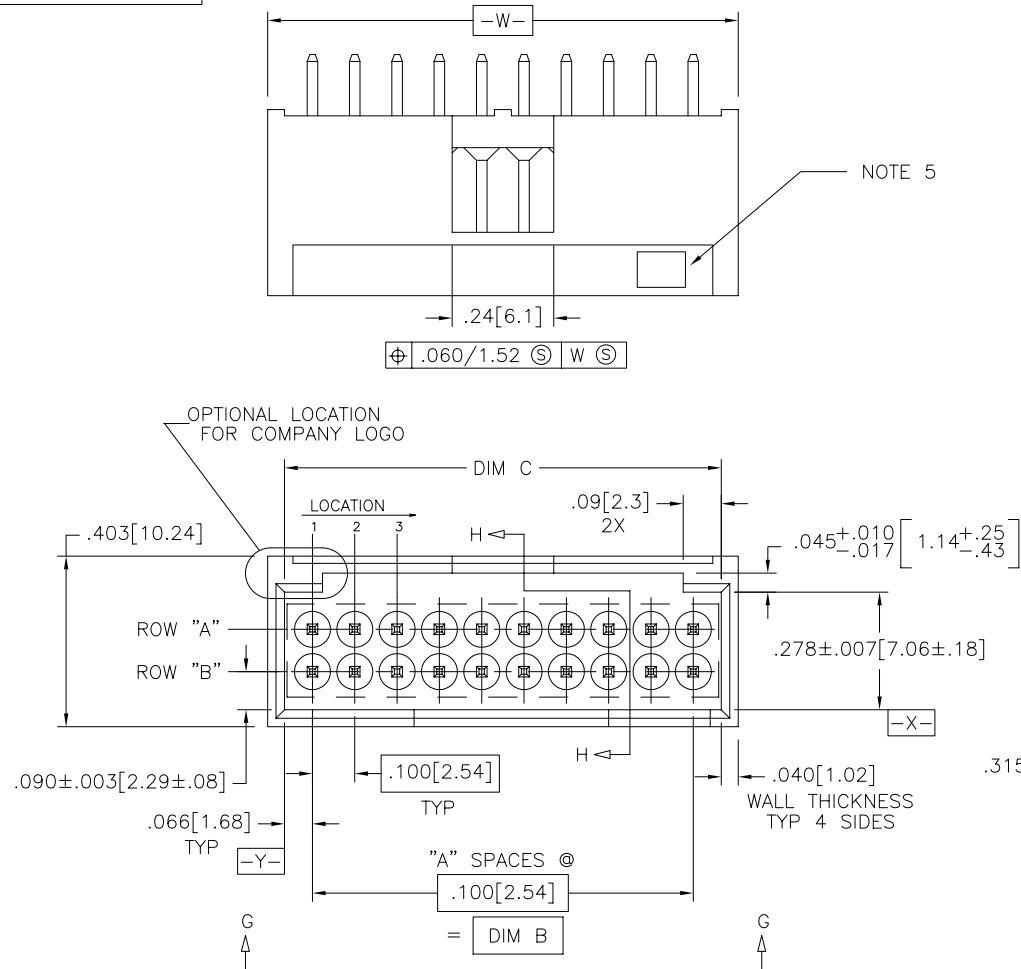


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PRODUCT NUMBER

SEE TABLE



SECTION H-H

mat'l. code				surface		tolerance		projection		product family					
NOTE 1 & 3				ISO 1302		ISO 406		ISO 1101		HEADER					
ltr	ecr	no	dr	date	tolerances unless otherwise specified	angles	linear	linear	linear	title					
B	REVISION	MRC	9/18/90							STRAIGHT HEADER FOR					
C	V71549	EPK	11/13/97							ROUND WIRE RECEPTACLE					
D	V01541	MDF	6/27/00	0'±2'						scale 2.5:1					
E	M05-0167	ERE	7/23/05	dr	E. KROPIEWINICK	11/13/97				dwg no					
F	M07-0116	AGS	2/24/07	enr	L. FYE	11/13/97				sheet 1 of 6 size					
G	N07-0150	MHT	8/01/07	chr	T. BREWBAKER	11/13/97				68663 A3					
sheet				revision	G	G	G	G	G	type					
index				sheet	1	2	3	4	5	Product Customer Drawing					

form: A3

PDM: Rev:G

STATUS Released

Printed: Oct 13, 2010

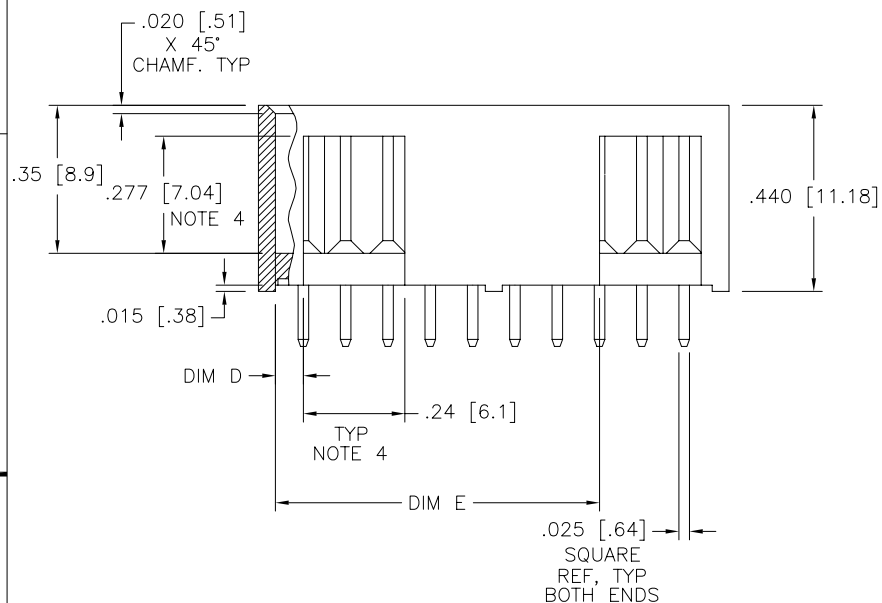


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PRODUCT NUMBER

SEE TABLE



$\varnothing$	.015/.38	$\varnothing$ (M)	X (M)	Y (M)	AT TIPS, TYP
$\varnothing$	.006/.15	$\varnothing$ (M)	X (M)	Y (M)	AT BASE, TYP

VIEW G-G

NOTES :

1. TERMINAL MATERIAL: 3/4 HARD PHOS. BRONZE ALLOY UNS-C51000.
2. TERMINAL PLATING: 15u"/0.38u Au OR GXT OVER 50u"/1.27u Ni PLATING ON SWAGED TIPS MANUFACTURERS OPTION.
3. MOLDING MATERIAL: GLASS FILLED POLYESTER, FLAME RETARDANT PER UL-94V-0. COLOR: BLACK
4. .020/0.51 MAX FLASH AROUND ALL WINDOWS.
5. COMPANY LOGO MOLDED IN A DATUM SURFACE -Z- APPROX. AS SHOWN.
6. .030/0.76 MAX FLASH PERMISSIBLE ON THIS END OF PINS.
7. OTHER PLATINGS ARE AVAILABLE ON 68664, 68665, AND 68666.
8. .015/0.38 MAX FLASH PERMISSIBLE ON THIS END OF PINS.
9. STANDARD PACKAGING IS TRAYS.
10. FOR TUBE PACKAGING, ADD SUFFIX "T" TO PART DASH NUMBER. EXAMPLE: 68663-XXXT.
11. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
12. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION
13. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
14. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

mat'l. code NOTE 1 & 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HEADER
ltr	ec	no	dr	date	tolerances unless otherwise specified	scale 2.5:1	title
G					angles linear XXX±.01/XX±0.3 XXX±.005/XX±0.13 XXX±.0020/XXX±0.05		STRAIGHT HEADER FOR ROUND WIRE RECEPTACLE
					dr E. KROPIEWINICK 11/13/97	FCI	dwg no
					enr L. FYE 11/13/97		sheet 2 of 6 size
					chr T. BREWBAKER 11/13/97		68663 A3
					appd L. FYE 11/13/97		type Product Customer Drawing
sheet index	revision sheet						

form: A3



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form: A3

1

2

3

4

5

6

2 3

4

5

6

REAR SLOT VIEW G-G

PRODUCT NO	NO.OF		A	DIM B	DIM B	DIM C	DIM C	DIM D		DIM E	DIM E	DIM F		POL. POS		
NOTE 12	POS	PINS	SPACES	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		ROW A	ROW B
68663-001	6	6	2	0.200	5.08	0.332	8.43	0.066	1.68	0.000	0.00	0.130	3.30			
68663-002	8	8	3	0.300	7.62	0.432	10.97	0.066	1.68	0.000	0.00	0.130	3.30			
68663-003	10	10	4	0.400	10.16	0.532	13.51	0.166	4.22	0.000	0.00	0.130	3.30			
68663-004	12	12	5	0.500	12.70	0.632	16.05	0.166	4.22	0.000	0.00	0.130	3.30			
68663-005	14	14	6	0.600	15.24	0.732	18.59	0.266	6.76	0.000	0.00	0.130	3.30			
68663-006	16	16	7	0.700	17.78	0.832	21.13	0.266	6.76	0.000	0.00	0.130	3.30			
68663-007	18	18	8	0.800	20.32	0.932	23.67	0.366	9.30	0.000	0.00	0.130	3.30			
68663-008	20	20	9	0.900	22.86	1.032	26.21	0.066	1.68	0.766	19.46	0.130	3.30			
68663-009	22	22	10	1.000	25.40	1.132	28.75	0.066	1.68	0.866	22.00	0.130	3.30			
68663-010	24	24	11	1.100	27.94	1.232	31.29	0.066	1.68	0.966	24.54	0.130	3.30			
68663-011	26	26	12	1.200	30.48	1.332	33.83	0.066	1.68	1.066	27.08	0.130	3.30			
68663-012	28	28	13	1.300	33.02	1.432	36.37	0.066	1.68	1.166	29.62	0.130	3.30			
68663-013	30	30	14	1.400	35.56	1.532	38.91	0.066	1.68	1.266	32.16	0.130	3.30			
68663-014	32	32	15	1.500	38.10	1.632	41.45	0.066	1.68	1.366	34.70	0.130	3.30			
68663-015	34	34	16	1.600	40.64	1.732	43.99	0.066	1.68	1.466	37.24	0.130	3.30			
68663-016	36	36	17	1.700	43.18	1.832	46.53	0.066	1.68	1.566	39.78	0.130	3.30			
68663-017	38	38	18	1.800	45.72	1.932	49.07	0.066	1.68	1.666	42.32	0.130	3.30			
68663-018	40	40	19	1.900	48.26	2.032	51.61	0.066	1.68	1.766	44.86	0.130	3.30			
68663-019	42	42	20	2.000	50.80	2.132	54.15	0.066	1.68	1.866	47.40	0.130	3.30			
68663-020	44	44	21	2.100	53.34	2.232	56.69	0.066	1.68	1.966	49.94	0.130	3.30			
68663-021	46	46	22	2.200	55.88	2.332	59.23	0.066	1.68	2.066	52.48	0.130	3.30			
68663-022	48	48	23	2.300	58.42	2.432	61.77	0.066	1.68	2.166	55.02	0.130	3.30			
68663-023	50	50	24	2.400	60.96	2.532	64.31	0.066	1.68	2.266	57.56	0.130	3.30			
68663-024	52	52	25	2.500	63.50	2.632	66.85	0.066	1.68	2.366	60.10	0.130	3.30			
68663-025	54	54	26	2.600	66.04	2.732	69.39	0.066	1.68	2.466	62.64	0.130	3.30			
68663-026	56	56	27	2.700	68.58	2.832	71.93	0.066	1.68	2.566	65.18	0.130	3.30			
68663-027	58	58	28	2.800	71.12	2.932	74.47	0.066	1.68	2.666	67.72	0.130	3.30			
68663-028	60	60	29	2.900	73.66	3.032	77.01	0.066	1.68	2.766	70.26	0.130	3.30			
68663-029	62	62	30	3.000	76.20	3.132	79.55	0.066	1.68	2.866	72.80	0.130	3.30			
68663-030	64	64	31	3.100	78.74	3.232	82.09	0.066	1.68	2.966	75.34	0.130	3.30			
68663-031	66	66	32	3.200	81.28	3.332	84.63	0.066	1.68	3.066	77.88	0.130	3.30			
68663-032	68	68	33	3.300	83.82	3.432	87.17	0.066	1.68	3.166	80.42	0.130	3.30			
68663-033	70	70	34	3.400	86.36	3.532	89.71	0.066	1.68	3.266	82.96	0.130	3.30			
68663-034	72	72	35	3.500	88.90	3.632	92.25	0.066	1.68	3.366	85.50	0.130	3.30			

mat'l. code		surface		tolerance		projection		product family	
NOTE 1 & 3		ISO 1302 ✓		ISO 406 ISO 1101				HEADER	
ltr		ecn no dr		date		tolerances unless otherwise specified		title	
G						linear		STRAIGHT HEADER FOR	
						0'±2'		ROUND WIRE RECEPTACLE	
						XXX±.01/XX±0.3		dwg no	
						XXX±.005/XX±0.13		sheet 3 of 6 size	
						XXX±.0020/XXX±0.05		A3	
				dr E. KROPIEWINICKI 11/13/97				type Product Customer Drawing	
				enrg L. FYE 11/13/97					
				chr T. BREWBAKER 11/13/97					
				appd L. FYE 11/13/97					
sheet index		revision sheet							



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PRODUCT NO		NO.OF		A	DIM B	DIM B	DIM C	DIM C	DIM D		DIM E	DIM E	DIM F		POL. POS	
NOTE 12	POS	PINS	SPACES	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		ROW A	ROW B
68663-035	6	6	2	0.200	5.08	0.332	8.43	0.066	1.68	0.000	0.00	0.155	3.94		-----	-----
68663-036	8	8	3	0.300	7.62	0.432	10.97	0.066	1.68	0.000	0.00	0.155	3.94			
68663-037	10	10	4	0.400	10.16	0.532	13.51	0.166	4.22	0.000	0.00	0.155	3.94			
68663-038	12	12	5	0.500	12.70	0.632	16.05	0.166	4.22	0.000	0.00	0.155	3.94			
68663-039	14	14	6	0.600	15.24	0.732	18.59	0.266	6.76	0.000	0.00	0.155	3.94			
68663-040	16	16	7	0.700	17.78	0.832	21.13	0.266	6.76	0.000	0.00	0.155	3.94			
68663-041	18	18	8	0.800	20.32	0.932	23.67	0.366	9.30	0.000	0.00	0.155	3.94			
68663-042	20	20	9	0.900	22.86	1.032	26.21	0.066	1.68	0.766	19.46	0.155	3.94			
68663-043	22	22	10	1.000	25.40	1.132	28.75	0.066	1.68	0.866	22.00	0.155	3.94			
68663-044	24	24	11	1.100	27.94	1.232	31.29	0.066	1.68	0.966	24.54	0.155	3.94			
68663-045	26	26	12	1.200	30.48	1.332	33.83	0.066	1.68	1.066	27.08	0.155	3.94			
68663-046	28	28	13	1.300	33.02	1.432	36.37	0.066	1.68	1.166	29.62	0.155	3.94			
68663-047	30	30	14	1.400	35.56	1.532	38.91	0.066	1.68	1.266	32.16	0.155	3.94			
68663-048	32	32	15	1.500	38.10	1.632	41.45	0.066	1.68	1.366	34.70	0.155	3.94			
68663-049	34	34	16	1.600	40.64	1.732	43.99	0.066	1.68	1.466	37.24	0.155	3.94			
68663-050	36	36	17	1.700	43.18	1.832	46.53	0.066	1.68	1.566	39.78	0.155	3.94			
68663-051	38	38	18	1.800	45.72	1.932	49.07	0.066	1.68	1.666	42.32	0.155	3.94			
68663-052	40	40	19	1.900	48.26	2.032	51.61	0.066	1.68	1.766	44.86	0.155	3.94			
68663-053	42	42	20	2.000	50.80	2.132	54.15	0.066	1.68	1.866	47.40	0.155	3.94			
68663-054	44	44	21	2.100	53.34	2.232	56.69	0.066	1.68	1.966	49.94	0.155	3.94			
68663-055	46	46	22	2.200	55.88	2.332	59.23	0.066	1.68	2.066	52.48	0.155	3.94			
68663-056	48	48	23	2.300	58.42	2.432	61.77	0.066	1.68	2.166	55.02	0.155	3.94			
68663-057	50	50	24	2.400	60.96	2.532	64.31	0.066	1.68	2.266	57.56	0.155	3.94			
68663-058	52	52	25	2.500	63.50	2.632	66.85	0.066	1.68	2.366	60.10	0.155	3.94			
68663-059	54	54	26	2.600	66.04	2.732	69.39	0.066	1.68	2.466	62.64	0.155	3.94			
68663-060	56	56	27	2.700	68.58	2.832	71.93	0.066	1.68	2.566	65.18	0.155	3.94			
68663-061	58	58	28	2.800	71.12	2.932	74.47	0.066	1.68	2.666	67.72	0.155	3.94			
68663-062	60	60	29	2.900	73.66	3.032	77.01	0.066	1.68	2.766	70.26	0.155	3.94			
68663-063	62	62	30	3.000	76.20	3.132	79.55	0.066	1.68	2.866	72.80	0.155	3.94			
68663-064	64	64	31	3.100	78.74	3.232	82.09	0.066	1.68	2.966	75.34	0.155	3.94			
68663-065	66	66	32	3.200	81.28	3.332	84.63	0.066	1.68	3.066	77.88	0.155	3.94			
68663-066	68	68	33	3.300	83.82	3.432	87.17	0.066	1.68	3.166	80.42	0.155	3.94			
68663-067	70	70	34	3.400	86.36	3.532	89.71	0.066	1.68	3.266	82.96	0.155	3.94			
68663-068	72	72	35	3.500	88.90	3.632	92.25	0.066	1.68	3.366	85.50	0.155	3.94		-----	-----

mat'l. code NOTE 1 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection  INCH/MM scale 2.5:1	product family HEADER	
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title	
G						angles linear XXX±.01/XX±0.3 XXX±.005/XX±0.13 XXX±.0020/XXX±0.05		STRAIGHT HEADER FOR ROUND WIRE RECEPTACLE	
				0'±2"				dwg no	
						dr E. KROPIEWINICK11/13/97		sheet 4 of 6 size	
						enrg L. FYE 11/13/97		68663 A3	
						chr T. BREWBAKER11/13/97			
						appd L. FYE 11/13/97		type Product Customer Drawing	
sheet index	revision sheet								

1 2 3 4 5 6

REAR SLOT VIEW G-G																POL. POS	
PRODUCT NO	NO.OF		A	DIM B	DIM B	DIM C	DIM C	DIM D	DIM D	DIM E	DIM E	DIM F	DIM F			ROW A	ROW B
NOTE 12	POS	PINS	SPACES	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
68663-069	6	6	2	0.200	5.08	0.332	8.43	0.066	1.68	0.000	0.00	0.200	5.08			----	----
68663-070	8	8	3	0.300	7.62	0.432	10.97	0.066	1.68	0.000	0.00	0.200	5.08				
68663-071	10	10	4	0.400	10.16	0.532	13.51	0.166	4.22	0.000	0.00	0.200	5.08				
68663-072	12	12	5	0.500	12.70	0.632	16.05	0.166	4.22	0.000	0.00	0.200	5.08				
68663-073	14	14	6	0.600	15.24	0.732	18.59	0.266	6.76	0.000	0.00	0.200	5.08				
68663-074	16	16	7	0.700	17.78	0.832	21.13	0.266	6.76	0.000	0.00	0.200	5.08				
68663-075	18	18	8	0.800	20.32	0.932	23.67	0.366	9.30	0.000	0.00	0.200	5.08				
68663-076	20	20	9	0.900	22.86	1.032	26.21	0.066	1.68	0.766	19.46	0.200	5.08				
68663-077	22	22	10	1.000	25.40	1.132	28.75	0.066	1.68	0.866	22.00	0.200	5.08				
68663-078	24	24	11	1.100	27.94	1.232	31.29	0.066	1.68	0.966	24.54	0.200	5.08				
68663-079	26	26	12	1.200	30.48	1.332	33.83	0.066	1.68	1.066	27.08	0.200	5.08				
68663-080	28	28	13	1.300	33.02	1.432	36.37	0.066	1.68	1.166	29.62	0.200	5.08				
68663-081	30	30	14	1.400	35.56	1.532	38.91	0.066	1.68	1.266	32.16	0.200	5.08				
68663-082	32	32	15	1.500	38.10	1.632	41.45	0.066	1.68	1.366	34.70	0.200	5.08				
68663-083	34	34	16	1.600	40.64	1.732	43.99	0.066	1.68	1.466	37.24	0.200	5.08				
68663-084	36	36	17	1.700	43.18	1.832	46.53	0.066	1.68	1.566	39.78	0.200	5.08				
68663-085	38	38	18	1.800	45.72	1.932	49.07	0.066	1.68	1.666	42.32	0.200	5.08				
68663-086	40	40	19	1.900	48.26	2.032	51.61	0.066	1.68	1.766	44.86	0.200	5.08				
68663-087	42	42	20	2.000	50.80	2.132	54.15	0.066	1.68	1.866	47.40	0.200	5.08				
68663-088	44	44	21	2.100	53.34	2.232	56.69	0.066	1.68	1.966	49.94	0.200	5.08				
68663-089	46	46	22	2.200	55.88	2.332	59.23	0.066	1.68	2.066	52.48	0.200	5.08				
68663-090	48	48	23	2.300	58.42	2.432	61.77	0.066	1.68	2.166	55.02	0.200	5.08				
68663-091	50	50	24	2.400	60.96	2.532	64.31	0.066	1.68	2.266	57.56	0.200	5.08				
68663-092	52	52	25	2.500	63.50	2.632	66.85	0.066	1.68	2.366	60.10	0.200	5.08				
68663-093	54	54	26	2.600	66.04	2.732	69.39	0.066	1.68	2.466	62.64	0.200	5.08				
68663-094	56	56	27	2.700	68.58	2.832	71.93	0.066	1.68	2.566	65.18	0.200	5.08				
68663-095	58	58	28	2.800	71.12	2.932	74.47	0.066	1.68	2.666	67.72	0.200	5.08				
68663-096	60	60	29	2.900	73.66	3.032	77.01	0.066	1.68	2.766	70.26	0.200	5.08				
68663-097	62	62	30	3.000	76.20	3.132	79.55	0.066	1.68	2.866	72.80	0.200	5.08				
68663-098	64	64	31	3.100	78.74	3.232	82.09	0.066	1.68	2.966	75.34	0.200	5.08				
68663-099	66	66	32	3.200	81.28	3.332	84.63	0.066	1.68	3.066	77.88	0.200	5.08				
68663-100	68	68	33	3.300	83.82	3.432	87.17	0.066	1.68	3.166	80.42	0.200	5.08				
68663-101	70	70	34	3.400	86.36	3.532	89.71	0.066	1.68	3.266	82.96	0.200	5.08				
68663-102	72	72	35	3.500	88.90	3.632	92.25	0.066	1.68	3.366	85.50	0.200	5.08			----	----



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mat'l. code NOTE 1 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HEADER					
ltr ecn no dr date				tolerances unless otherwise specified								title			
G				angles		linear		INCH/MM		STRAIGHT HEADER FOR ROUND WIRE RECEPTACLE					
				0°±2'				scale 2.5:1		dwg no					
										sheet 5 of 6 size					
						dr E. KROPIEWINICK 11/13/97				68663 A3					
						enr L. FYE 11/13/97				type Product Customer Drawing					
						chr T. BREWBAKER 11/13/97									
						appd L. FYE 11/13/97									
sheet index		revision sheet													

form: A3

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form: A3

PRODUCT NO		NO.OF		A	DIM B	DIM B	DIM C	DIM C	REAR SLOT VIEW G-G				DIM F	DIM F	POL. POS	
NOTE 12	POS	PINS	SPACES	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		ROW A	ROW A
68663-103	6	6	2	0.200	5.08	0.332	8.43	0.066	1.68	0.000	0.00	0.380	9.65		-----	-----
68663-104	8	8	3	0.300	7.62	0.432	10.97	0.066	1.68	0.000	0.00	0.380	9.65			
68663-105	12	12	5	0.500	12.70	0.632	16.05	0.166	4.22	0.000	0.00	0.380	9.65			
68663-106	16	16	7	0.700	17.78	0.832	21.13	0.266	6.76	0.000	0.00	0.380	9.65			
68663-107	20	20	9	0.900	22.86	1.032	26.21	0.066	1.68	0.766	19.46	0.380	9.65			
68663-108	14	13	6	0.600	15.24	0.732	18.59	0.266	6.76	---	---	0.130	3.30		-----	-----
68663-132	32	32	15	1.500	38.10	1.632	41.45	.066	1.68	1.366	34.70	.325	8.26		-----	-----

mat'l. code NOTE 1 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HEADER				
ltr	ecn	no	dr	date		tolerances unless otherwise specified								
G						angles	linear	.XX±.01/.X±0.3 .XXX±.005/.XXX±0.13 .XXXX±.0020/.XXX±0.05		INCH/MM		title STRAIGHT HEADER FOR ROUND WIRE RECEPTACLE		
						0°±2°				scale 2.5:1				
						dr	E. KROPIEWINICK		11/13/97		dwg no		sheet 6 of 6	size
						engr	L. FYE		11/13/97		68663		A3	
						chr	T. BREWBAKER		11/13/97		type		Product	Customer
						appd	L. FYE		11/13/97		Drawing			
sheet index		revision sheet												