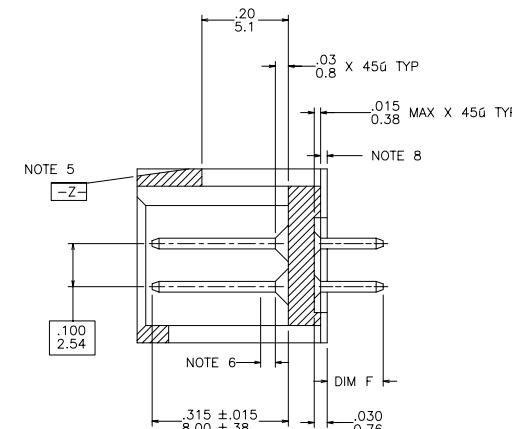
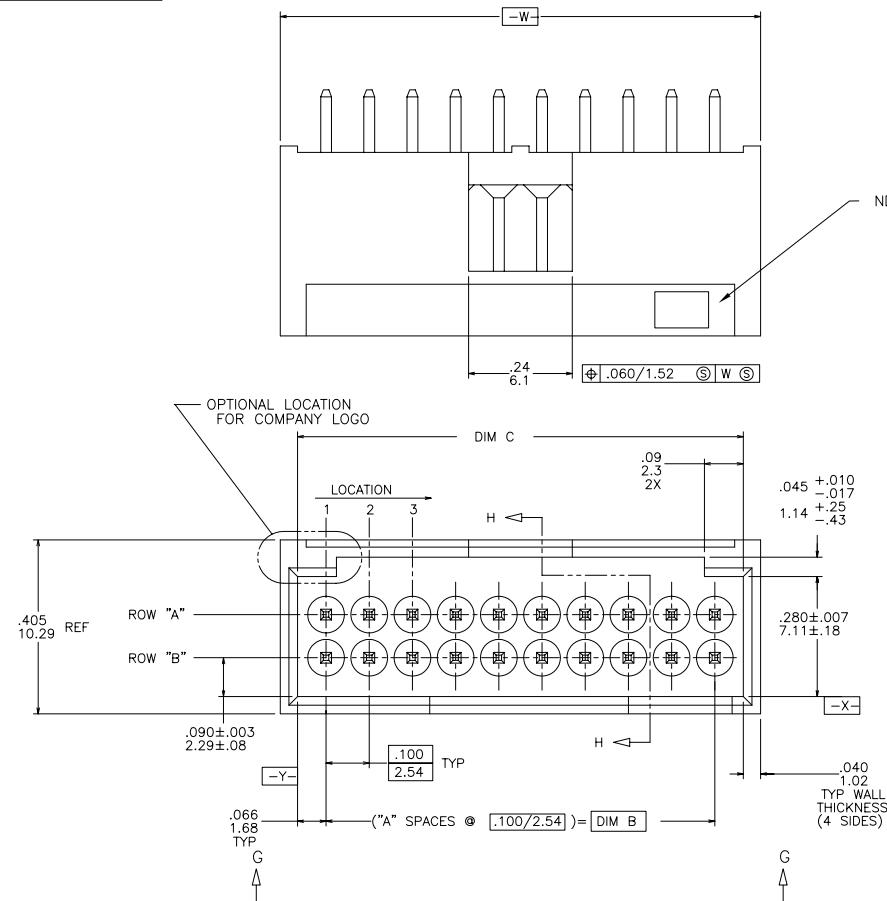


PRODUCT NUMBER

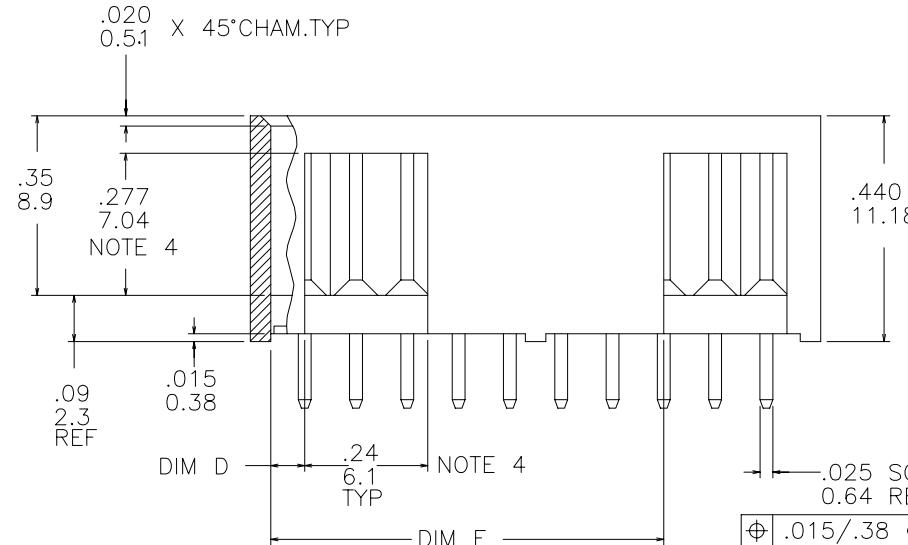
SEE TABLE



SECTION H-H

mat'l. code		surface		tolerance	projection	product family
NOTE 1 & 3		ISO 1302		ISO 406 ISO 1101		HEADER
Itr	ecn no	dr	date	tolerances unless otherwise specified		
B	V00853	MRC	9/18/90	XX±.01/X±.03	INCH/MM	
C	V70775	SAR	6/2/97	XXXX±.005/XXXX±.13	scale 2.5:1	
D	V71034	EPK	9/24/97 0°±2°	XXXX±.0020/XXXX±.005		
E	V01576	MDF	7/5/00 dr	M. CORNMAN	9/18/90	
F	M05-0167	ERE	7/23/05 engr	M. LEACH	9/18/90	
G	M07-0116	AGS	2/24/07 chr	M. LEACH	9/18/90	
H	N07-0150	MHT	8/01/07 oppd	M. LEACH	9/18/90	
sheet	revision	H	H	H	H	
index	sheet	1	2	3	4	
				5		
				6		

PRODUCT NO.
SEE TABLE



.025 SQUARE
0.64 REF,TYP(BOTH ENDS)

⊕ .015/.38	∅	(M)	X	(M)	Y	(M)
⊕ .006/.15	∅	(M)	X	(M)	Y	(M)

AT TIPS,TYP
AT BASE,TYP

NOTES:

- ① TERMINAL MATERIAL: 3/4 HARD PHOS. BRONZE ALLOY, UNS-C51000.
2. TERMINAL PLATING: 30u"/0.76u Au OR GXT OVER 50u"/1.27u Ni PLATING ON SWAGED TIPS MANUFACTURER'S OPTION.
- ③ MOLDING MATERIAL: GLASS FILLED POLYESTER, FLAME RETARDANT PER UL-94V-0.
COLOR: BLACK.
- ④ .020/.51 MAX FLASH AROUND ALL WINDOWS.
- ⑤ COMPANY LOGO MOLDED IN ON DATUM SURFACE -Z- APPROX. AS SHOWN.
- ⑥ .030/.76 MAX FLASH PERMISSIBLE ON THIS END OF PINS.
7. OTHER PLATINGS ARE AVAILABLE ON 68663, 68665, AND 68666.
- ⑧ .015/.38 MAX FLASH PERMISSIBLE ON THIS END OF PINS.
9. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
- ⑩ ADD "LF" SUFFIX AT THE END OF PART NUMBER
FOR LEAD FREE OPTION
- ⑪ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
12. 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	product family HEADER
ltr	ecn	no	dr	date		tolerances unless otherwise specified XX±.01/X±.03 XXX±.005/XXX±.013 XXX±.0020/XXX±.005	INCH/MM scale 2.5:1	title STRAIGHT HEADER FOR ROUND WIRE RECEPTACLE
				angles	linear			
H						dr M. CORNMAN 9/18/90		
						engr M. LEACH 9/18/90		
						chr M. LEACH 9/18/90		
						appd M. LEACH 9/18/90		
								dwg no sheet 2 of 6 size 68664 A3
								type Product Customer Drawing
				sheet	revision			
				index	sheet			

form: A3

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PRODUCT NO NOTE 10	NO. OF POS	NO. OF PINS	A SPACES	DIM B	DIM C $\pm .005$ $\pm .013$	DIM D $\pm .005$ $\pm .013$	DIM E $\pm .005$ $\pm .013$	DIM F	POL. POS.	
									ROW A	ROW B
68664-001	6	6	2	.200/5.08	.332/8.43	.066/1.68	-----	.130/3.30	-----	-----
-002	8	8	3	.300/7.62	.432/10.97	.066/1.68	-----	-----	-----	-----
-003	10	10	4	.400/10.16	.532/13.52	.166/4.22	-----	-----	-----	-----
-004	12	12	5	.500/12.70	.632/16.05	.166/4.22	-----	-----	-----	-----
-005	14	14	6	.600/15.24	.732/18.59	.266/6.76	-----	-----	-----	-----
-006	16	16	7	.700/17.78	.832/21.13	.266/6.76	-----	-----	-----	-----
-007	18	18	8	.800/20.32	.932/23.67	.366/9.30	-----	-----	-----	-----
-008	20	20	9	.900/22.86	1.032/26.21	.066/1.68	.766/19.46	-----	-----	-----
-009	22	22	10	1.000/25.40	1.132/28.75	-----	.866/22.00	-----	-----	-----
-010	24	24	11	1.100/27.94	1.232/31.29	-----	.966/24.54	-----	-----	-----
-011	26	26	12	1.200/30.48	1.332/33.83	-----	1.066/27.08	-----	-----	-----
-012	28	28	13	1.300/33.02	1.432/36.37	-----	1.166/29.62	-----	-----	-----
-013	30	30	14	1.400/35.56	1.532/38.91	-----	1.266/32.16	-----	-----	-----
-014	32	32	15	1.500/38.10	1.632/41.45	-----	1.366/34.70	-----	-----	-----
-015	34	34	16	1.600/40.64	1.732/43.99	-----	1.466/37.24	-----	-----	-----
-016	36	36	17	1.700/43.18	1.832/46.53	-----	1.566/39.78	-----	-----	-----
-017	38	38	18	1.800/45.72	1.932/49.07	-----	1.666/42.32	-----	-----	-----
-018	40	40	19	1.900/48.26	2.032/51.61	-----	1.766/44.86	-----	-----	-----
-019	42	42	20	2.000/50.80	2.132/54.15	-----	1.866/47.40	-----	-----	-----
-020	44	44	21	2.100/53.34	2.232/56.69	-----	1.966/49.94	-----	-----	-----
-021	46	46	22	2.200/55.88	2.332/59.23	-----	2.066/52.48	-----	-----	-----
-022	48	48	23	2.300/58.42	2.432/61.77	-----	2.166/55.02	-----	-----	-----
-023	50	50	24	2.400/60.96	2.532/64.31	-----	2.266/57.56	-----	-----	-----
-024	52	52	25	2.500/63.50	2.632/66.85	-----	2.366/60.10	-----	-----	-----
-025	54	54	26	2.600/66.04	2.732/69.39	-----	2.466/62.64	-----	-----	-----
-026	56	56	27	2.700/68.58	2.832/71.93	-----	2.566/65.18	-----	-----	-----
-027	58	58	28	2.800/71.12	2.932/74.47	-----	2.666/67.72	-----	-----	-----
-028	60	60	29	2.900/73.66	3.032/77.01	-----	2.766/70.26	-----	-----	-----
-029	62	62	30	3.000/76.20	3.132/79.55	-----	2.866/72.80	-----	-----	-----
-030	64	64	31	3.100/78.74	3.232/82.09	-----	2.966/75.34	-----	-----	-----
-031	66	66	32	3.200/81.28	3.332/84.63	-----	3.066/77.88	-----	-----	-----
-032	68	68	33	3.300/83.82	3.432/87.17	-----	3.166/80.42	-----	-----	-----
-033	70	70	34	3.400/86.36	3.532/89.71	-----	3.266/82.96	-----	-----	-----
68664-034	72	72	35	3.500/88.90	3.632/92.25	.066/1.68	3.366/85.50	.130/3.30	-----	-----

mat'l. code NOTE 1 & 3				surface ISO 1302		tolerance ISO 406 ISO 1101	projection	product family
Itr	ecn	no	dr	date	tolerances unless otherwise specified			HEADER
H					angles	XX±.01/X±.03		
					linear	XXX±.005/XXX±.013		
					0°±2°	XXXX±.0020/XXXX±.005		
					dr	M. CORNMAN	9/18/90	
					engr	M. LEACH	9/18/90	
					chr	M. LEACH	9/18/90	
					appd	M. LEACH	9/18/90	
					sheet	revision		
					index	sheet		

PRODUCT NO NOTE 10	NO OF POS	NO OF PINS	A SPACES	DIM B	DIM C $\pm .005$ ± 0.13	DIM D $\pm .005$ ± 0.13	DIM E $\pm .005$ ± 0.13	DIM F	POL. POS.	
									ROW A	ROW B
68664-035	6	6	2	.200/5.08	.332/8.43	.066/1.68	-----	.155/3.94	-----	-----
-036	8	8	3	.300/7.62	.432/10.97	.066/1.68	-----	-----	-----	-----
-037	10	10	4	.400/10.16	.532/13.52	.166/4.22	-----	-----	-----	-----
-038	12	12	5	.500/12.70	.632/16.05	.166/4.22	-----	-----	-----	-----
-039	14	14	6	.600/15.24	.732/18.59	.266/6.76	-----	-----	-----	-----
-040	16	16	7	.700/17.78	.832/21.13	.266/6.76	-----	-----	-----	-----
-041	18	18	8	.800/20.32	.932/23.67	.366/9.30	-----	-----	-----	-----
-042	20	20	9	.900/22.86	1.032/26.21	.066/1.68	.766/19.46	-----	-----	-----
-043	22	22	10	1.000/25.40	1.132/28.75	-----	-----	.866/22.00	-----	-----
-044	24	24	11	1.100/27.94	1.232/31.29	-----	-----	.966/24.54	-----	-----
-045	26	26	12	1.200/30.48	1.332/33.83	-----	-----	1.066/27.08	-----	-----
-046	28	28	13	1.300/33.02	1.432/36.37	-----	-----	1.166/29.62	-----	-----
-047	30	30	14	1.400/35.56	1.532/38.91	-----	-----	1.266/32.16	-----	-----
-048	32	32	15	1.500/38.10	1.632/41.45	-----	-----	1.366/34.70	-----	-----
-049	34	34	16	1.600/40.64	1.732/43.99	-----	-----	1.466/37.24	-----	-----
-050	36	36	17	1.700/43.18	1.832/46.53	-----	-----	1.566/39.78	-----	-----
-051	38	38	18	1.800/45.72	1.932/49.07	-----	-----	1.666/42.32	-----	-----
-052	40	40	19	1.900/48.26	2.032/51.61	-----	-----	1.766/44.86	-----	-----
-053	42	42	20	2.000/50.80	2.132/54.15	-----	-----	1.866/47.40	-----	-----
-054	44	44	21	2.100/53.34	2.232/56.69	-----	-----	1.966/49.94	-----	-----
-055	46	46	22	2.200/55.88	2.332/59.23	-----	-----	2.066/52.48	-----	-----
-056	48	48	23	2.300/58.42	2.432/61.77	-----	-----	2.166/55.02	-----	-----
-057	50	50	24	2.400/60.96	2.532/64.31	-----	-----	2.266/57.56	-----	-----
-058	52	52	25	2.500/63.50	2.632/66.85	-----	-----	2.366/60.10	-----	-----
-059	54	54	26	2.600/66.04	2.732/69.39	-----	-----	2.466/62.64	-----	-----
-060	56	56	27	2.700/68.58	2.832/71.93	-----	-----	2.566/65.18	-----	-----
-061	58	58	28	2.800/71.12	2.932/74.47	-----	-----	2.666/67.72	-----	-----
-062	60	60	29	2.900/73.66	3.032/77.01	-----	-----	2.766/70.26	-----	-----
-063	62	62	30	3.000/76.20	3.132/79.55	-----	-----	2.866/72.80	-----	-----
-064	64	64	31	3.100/78.74	3.232/82.09	-----	-----	2.966/75.34	-----	-----
-065	66	66	32	3.200/81.28	3.332/84.63	-----	-----	3.066/77.88	-----	-----
-066	68	68	33	3.300/83.82	3.432/87.17	-----	-----	3.166/80.42	-----	-----
-067	70	70	34	3.400/86.36	3.532/89.71	-----	-----	3.266/82.96	-----	-----
68664-068	72	72	35	3.500/88.90	3.632/92.25	.066/1.68	3.366/85.50	.155/3.94	-----	-----

mat'l. code NOTE 1 & 3				surface		tolerance	projection	product family
Itr	ecn	no	dr	date	ISO 1302		ISO 406 ISO 1101	HEADER
H					angles	linear	XX±.01/X±.03 XXX±.005/XXX±.13 XXXX±.0020/XXX±.05	INCH/MM
					0°±2°			scale 2.5:1
					dr	M. CORNMAN	9/18/90	
					engr	M. LEACH	9/18/90	
					chr	M. LEACH	9/18/90	
					appd	M. LEACH	9/18/90	
					sheet	revision		
					index	sheet		

PRODUCT NO NOTE 10	NO OF POS	NO OF PINS	A SPACES	DIM B	DIM C $\pm .005$ ± 0.13	DIM D $\pm .005$ ± 0.13	DIM E $\pm .005$ ± 0.13	DIM F	POL. POS.		5	6		
									POL. POS.					
									ROW A	ROW B				
68664-069	6	6	2	.200/5.08	.332/8.43	.066/1.68	-----	.200/5.08	-----	-----	-----			
-070	8	8	3	.300/7.62	.432/10.97	.066/1.68	-----	-----	-----	-----	-----			
-071	10	10	4	.400/10.16	.532/13.52	.166/4.22	-----	-----	-----	-----	-----			
-072	12	12	5	.500/12.70	.632/16.05	.166/4.22	-----	-----	-----	-----	-----			
-073	14	14	6	.600/15.24	.732/18.59	.266/6.76	-----	-----	-----	-----	-----			
-074	16	16	7	.700/17.78	.832/21.13	.266/6.76	-----	-----	-----	-----	-----			
-075	18	18	8	.800/20.32	.932/23.67	.366/9.30	-----	-----	-----	-----	-----			
-076	20	20	9	.900/22.86	1.032/26.21	.066/1.68	.766/19.46	-----	-----	-----	-----			
-077	22	22	10	1.000/25.40	1.132/28.75	-----	.866/22.00	-----	-----	-----	-----			
-078	24	24	11	1.100/27.94	1.232/31.29	-----	.966/24.54	-----	-----	-----	-----			
-079	26	26	12	1.200/30.48	1.332/33.83	-----	1.066/27.08	-----	-----	-----	-----			
-080	28	28	13	1.300/33.02	1.432/36.37	-----	1.166/29.62	-----	-----	-----	-----			
-081	30	30	14	1.400/35.56	1.532/38.91	-----	1.266/32.16	-----	-----	-----	-----			
-082	32	32	15	1.500/38.10	1.632/41.45	-----	1.366/34.70	-----	-----	-----	-----			
-083	34	34	16	1.600/40.64	1.732/43.99	-----	1.466/37.24	-----	-----	-----	-----			
-084	36	36	17	1.700/43.18	1.832/46.53	-----	1.566/39.78	-----	-----	-----	-----			
-085	38	38	18	1.800/45.72	1.932/49.07	-----	1.666/42.32	-----	-----	-----	-----			
-086	40	40	19	1.900/48.26	2.032/51.61	-----	1.766/44.86	-----	-----	-----	-----			
-087	42	42	20	2.000/50.80	2.132/54.15	-----	1.866/47.40	-----	-----	-----	-----			
-088	44	44	21	2.100/53.34	2.232/56.69	-----	1.966/49.94	-----	-----	-----	-----			
-089	46	46	22	2.200/55.88	2.332/59.23	-----	2.066/52.48	-----	-----	-----	-----			
-090	48	48	23	2.300/58.42	2.432/61.77	-----	2.166/55.02	-----	-----	-----	-----			
-091	50	50	24	2.400/60.96	2.532/64.31	-----	2.266/57.56	-----	-----	-----	-----			
-092	52	52	25	2.500/63.50	2.632/66.85	-----	2.366/60.10	-----	-----	-----	-----			
-093	54	54	26	2.600/66.04	2.732/69.39	-----	2.466/62.64	-----	-----	-----	-----			
-094	56	56	27	2.700/68.58	2.832/71.93	-----	2.566/65.18	-----	-----	-----	-----			
-095	58	58	28	2.800/71.12	2.932/74.47	-----	2.666/67.72	-----	-----	-----	-----			
-096	60	60	29	2.900/73.66	3.032/77.01	-----	2.766/70.26	-----	-----	-----	-----			
-097	62	62	30	3.000/76.20	3.132/79.55	-----	2.866/72.80	-----	-----	-----	-----			
-098	64	64	31	3.100/78.74	3.232/82.09	-----	2.966/75.34	-----	-----	-----	-----			
-099	66	66	32	3.200/81.28	3.332/84.63	-----	3.066/77.88	-----	-----	-----	-----			
-100	68	68	33	3.300/83.82	3.432/87.17	-----	3.166/80.42	-----	-----	-----	-----			
-101	70	70	34	3.400/86.36	3.532/89.71	-----	3.266/82.96	-----	-----	-----	-----			
68664-102	72	72	35	3.500/88.90	3.632/92.25	.066/1.68	3.366/85.50	.200/5.08	-----	-----	-----			

mat'l. code NOTE 1 & 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family HEADER
Itr	ecn	nol	dr	date		tolerances unless otherwise specified	
H				angles		XX±.01/X±0.3	
				linear		XXX±.005/XX±0.13	
				0°±2°		XXXX±.0020/XXXX±.0051	
				dr	M. CORNMAN	9/18/90	dwg no
				engr	M. LEACH	9/18/90	sheet 5 of 6 size
				chr	M. LEACH	9/18/90	68664
				appd	M. LEACH	9/18/90	A3
sheet	revision						type
index	sheet						Product Customer Drawing

PRODUCT NO NOTE 10	NO OF POS	NO OF PINS	A SPACES	DIM [B]	DIM C $\pm .005$ ± 0.13	DIM D $\pm .005$ ± 0.13	DIM E $\pm .005$ ± 0.13	DIM F	POL. POS.		5	6
									ROW A	ROW B		
68664-103	6	6	2	.200/5.08	.332/8.43	.066/1.68	-----	.380/9.65	-----	-----		
-104	8	8	3	.300/7.62	.432/10.97	.066/1.68	-----	.380/9.65	-----	-----		
-105	12	12	5	.500/12.70	.632/16.05	.166/4.22	-----	.380/9.65	-----	-----		
-106	16	16	7	.700/17.78	.832/21.13	.266/6.76	-----	.380/9.65	-----	-----		
-107	20	20	9	.900/22.86	1.032/26.21	.066/1.68	.766/19.46	.380/9.65	-----	-----		
68664-108	14	13	6	.600/15.24	.732/18.59	.266/6.76	-----	.130/3.30	1	-----		
68664-132	32	32	15	1.500/38.10	1.632/41.45	.066/1.68	1.366/34.70	.325/8.26	-----	-----		

A

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B

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C

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form: A3

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mat'l. code NOTE 1 & 3				surface ISO 1302		tolerance ISO 406 ISO 1101	projection	product family HEADER
Itr	ecn	no	dr	date	tolerances unless otherwise specified			
H					angles	XX±.01/X±0.3	INCH/MM	
					linear	XXX±.005/XXX±0.13		
					0°±2°	XXXX±.0020/XXXX±0.05	scale 2.5:1	
					dr	M. CORNMAN 9/18/90		
					engr	M. LEACH 9/18/90		
					chr	M. LEACH 9/18/90		
					appd	M. LEACH 9/18/90		
					sheet	revision		
					index	sheet		

Mouser Electronics

Authorized Distributor

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