

COMPANY LOGO—

ETC. —

COLUMN 2—

COLUMN 1 —

ROW B

ROW A ✓

. 100
2. 54

100
2.54

DIM D NOTE 4

DIM G _____

DIM E		_____	
/ E1	(M)	A D	(C)

OVERALL LENGTH

020/ 51 (M) A-B (S)

NOTE 2 & 3

003/1

-NOTE 6

MATING LENGTH
 $.318 \pm .010$ ____
 8.08 ± 0.25 ____

$$\begin{array}{r} .350 \\ - 8.89 \\ \hline \end{array}$$
$$\begin{array}{r} .09 \\ 2.3 \end{array}$$

93° MAX ALL DIRECTIONS

0.025
0.64^{REF}

⊕ ∅. 025/. 64 (S)
AT TIPS

SECTION Y-Y

mat'l code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HEADERS			
itr ecn no dr date				tolerances unless otherwise specified				 INCH/MM scale 2:1		title			
N V20311 JWB 3/16/92				angles		XXX.X01/XXX.0				VERTICAL 2-ROW GUIDE PIN			
P V41750 MDF 11/15/94				linear		XXX.X.005/XXX.0+0.13				(SLOTTED) HEADER-PRESS FIT TAILS			
R V50831 HTB 6/12/95				dr		XXX.X.0020/XXX.0+0.05				dwg no			
S V71449 HTB 10/7/97				dr		M. FETROW 11/14/94				sheet 1 of 3 size			
T M05-0089 MHT 5/19/05				engr		L. FYE 11/14/94				67289			
U M07-0116 AGS 2/19/07				chr		L. FYE 11/14/94				A3			
V M09-0059 MHT 4/16/09				appd		L. FYE 11/14/94				type Product Customer Drawing			
sheet index		revision		V		V							
		sheet		1		2		3					

PRODUCT NUMBER NOTE 5, 7	SIZE NOTE 5	TAIL LENGTH DIM H	DIM D	DIM G	DIM E	OVERALL LENGTH DIM L	PLATING NOTE 11
67289-XXX	2 x XXX	.177/4.50	NOTE 4	.37/9.4+D DIM	.40/10.2+D DIM	.48/12.2+D DIM	30u"/.76u MIN Au OVER 50u"/1.27u Ni
67290-XXX		.177/4.50					15u"/.38u MIN Au OVER 50u"/1.27u Ni
67291-XXX		.177/4.50					GOLD FLASH OVER 50u"/1.27u Ni
67292-XXX		.177/4.50					120u"/3.05u 93/7 Sn/Pb OVER 50u"/1.27u Ni
67958-XXX		.310/7.90					30u"/.76u MIN Au OVER 50u"/1.27u Ni
67961-XXX		.310/7.90					15u"/.38u MIN Au OVER 50u"/1.27u Ni
68251-XXX		.680/17.30					30u"/.76u MIN Au OVER 50u"/1.27u Ni
68509-XXX		.480/12.20					30u"/.76u MIN Au OVER 50u"/1.27u Ni
68521-XXX		.480/12.20					30u"/.76u MIN GXT™ OVER 50u"/1.27u Ni
68830-XXX		.680/17.30					15u"/.38u MIN Au OVER 50u"/1.27u Ni
68831-XXX		.480/12.20					15u"/.38u MIN Au OVER 50u"/1.27u Ni
68832-XXX		.310/7.90					15u"/.38u MIN GXT™ OVER 50u"/1.27u Ni
68833-XXX		.310/7.90					30u"/.76u MIN GXT™ OVER 50u"/1.27u Ni
68834-XXX		.177/4.50					15u"/.38u MIN GXT™ OVER 50u"/1.27u Ni
68835-XXX		.177/4.50					30u"/.76u MIN GXT™ OVER 50u"/1.27u Ni
68836-XXX		.680/17.30					30u"/.76u MIN GXT™ OVER 50u"/1.27u Ni
68837-XXX		.680/17.30					15u"/.38u MIN GXT™ OVER 50u"/1.27u Ni
68838-XXX		.480/12.20					15u"/.38u MIN GXT™ OVER 50u"/1.27u Ni
69275-XXX		.310/7.90					GOLD FLASH OVER 50u"/1.27u Ni
69276-XXX		.310/7.90					120u"/3.05u 93/7 Sn/Pb OVER 50u"/1.27u Ni
69277-XXX		.480/12.20					GOLD FLASH OVER 50u"/1.27u Ni
69278-XXX		.480/12.20					120u"/3.05u 93/7 Sn/Pb OVER 50u"/1.27u Ni
69279-XXX		.680/17.30					GOLD FLASH OVER 50u"/1.27u Ni
69280-XXX		.680/17.30					120u"/3.05u 93/7 Sn/Pb OVER 50u"/1.27u Ni
69283-XXX		.177/4.50					DUPLEX 15u"/.38u Au & 100u"/1.27u 60/40 SnPb OVER 50u"/1.27u Ni
69284-XXX		.177/4.50					DUPLEX 30u"/.76u Au & 100u"/1.27u 60/40 SnPb OVER 50u"/1.27u Ni
69285-XXX		.310/7.90					DUPLEX 15u"/.38u Au & 100u"/1.27u 60/40 SnPb OVER 50u"/1.27u Ni
69286-XXX		.310/7.90					DUPLEX 30u"/.76u Au & 100u"/1.27u 60/40 SnPb OVER 50u"/1.27u Ni
69287-XXX		.480/12.20					DUPLEX 15u"/.38u Au & 100u"/1.27u 60/40 SnPb OVER 50u"/1.27u Ni
69288-XXX		.480/12.20					DUPLEX 30u"/.76u Au & 100u"/1.27u 60/40 SnPb OVER 50u"/1.27u Ni
69289-XXX		.680/17.30					DUPLEX 15u"/.38u Au & 100u"/1.27u 60/40 SnPb OVER 50u"/1.27u Ni
69290-XXX	2 x XXX	.680/17.30	NOTE 4	.37/9.4+D DIM	.40/10.2+D DIM	.48/12.2+D DIM	DUPLEX 30u"/.76u Au & 100u"/1.27u 60/40 SnPb OVER 50u"/1.27u Ni

NOTES:

① MOLDING MATERIAL: HI-TEMP RESIN
PER UL 94V-0
COLOR: NATURAL

② TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE
UNS C5100.

3. PIN RETENTION TO BE 3 LBS/1.36 KG
MIN PER PIN IN EITHER DIRECTION.

④ DIM D =(NO. OF COLUMNS-1)TIMES .100/2.54

⑤ -XXX REPRESENTS NO. OF COLUMNS
(i.e. 2X5 PART IS -005)
-001 THRU -004 ARE NOT AVAILABLE
-005 THRU -050 ARE AVAILABLE

⑥ FLATNESS IS MEASURED FROM THE BOTTOM
OF THE END STANDOFFS.

⑦ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

⑧ IF "LF" P/N THE PRODUCT MEETS EUROPEAN UNION
DIRECTIVES AND OTHER COUNTRY REGULATION AS
DESCRIBED IN GS-22-008.

⑩ THE PRODUCT IS NOT INTENDED TO BE EXPOSED
TO A MANUFACTURING SOLDER PROCESS.

⑪ PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code		surface ISO 1302	tolerance ISO 1101	projection	product family HEADERS
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
v				angles	VERTICAL 2-ROW GUIDE PIN
				linear	(SLOTTED) HEADER-PRESS FIT TAILS
				0°±2'	scale 2:1
				dr	M. FETROW 11/14/94
				engr	L. FYE 11/14/94
				chr	L. FYE 11/14/94
				appd	L. FYE 11/14/94
sheet	revision				type Product Customer Drawing
index	sheet				



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1			2			3			4			5			6		
PRODUCT NUMBER NOTE 5,7		SIZE NOTE 5	TAIL LENGTH DIM H	DIM D	DIM G	DIM E	OVERALL LENGTH DIM L	PLATING NOTE 11									
67289-XXXLF	2 x XXX	.177/4.50	NOTE 4	.37/9.4+D DIM	.40/10.2+D DIM	.48/12.2+D DIM	30u"/.76u MIN Au OVER 50u"/1.27u Ni										
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69290-XXXLF	2 x XXX	.680/17.30	NOTE 4	.37/9.4+D DIM	.40/10.2+D DIM	.48/12.2+D DIM	DUPLEX 30u"/.76u Au & 100u"/2.54u Sn OVER 50u"/1.27u Ni										

mat'l. code		surface	tolerance	projection	product family
ISO 1902		ISO 406	ISO 1101		HEADERS
tolerances unless otherwise specified		linear			
ltr	ecn no	dr	date	INCH/MM	title
V				0'±2"	VERTICAL 2-ROW GUIDE PIN
				XXX±.01/XXX±.03	(SLOTTED) HEADER-PRESS FIT TAILS
				XXX±.005/XXX±.013	
				XXX±.0020/XXX±.0051	scale 2:1
					dwg no
					sheet 3 of 3
					size
					67289
					A3
					type
					Product Customer Drawing
sheet	revision				
index	sheet				

form A3

1

2

3

4

5

6

form: A3