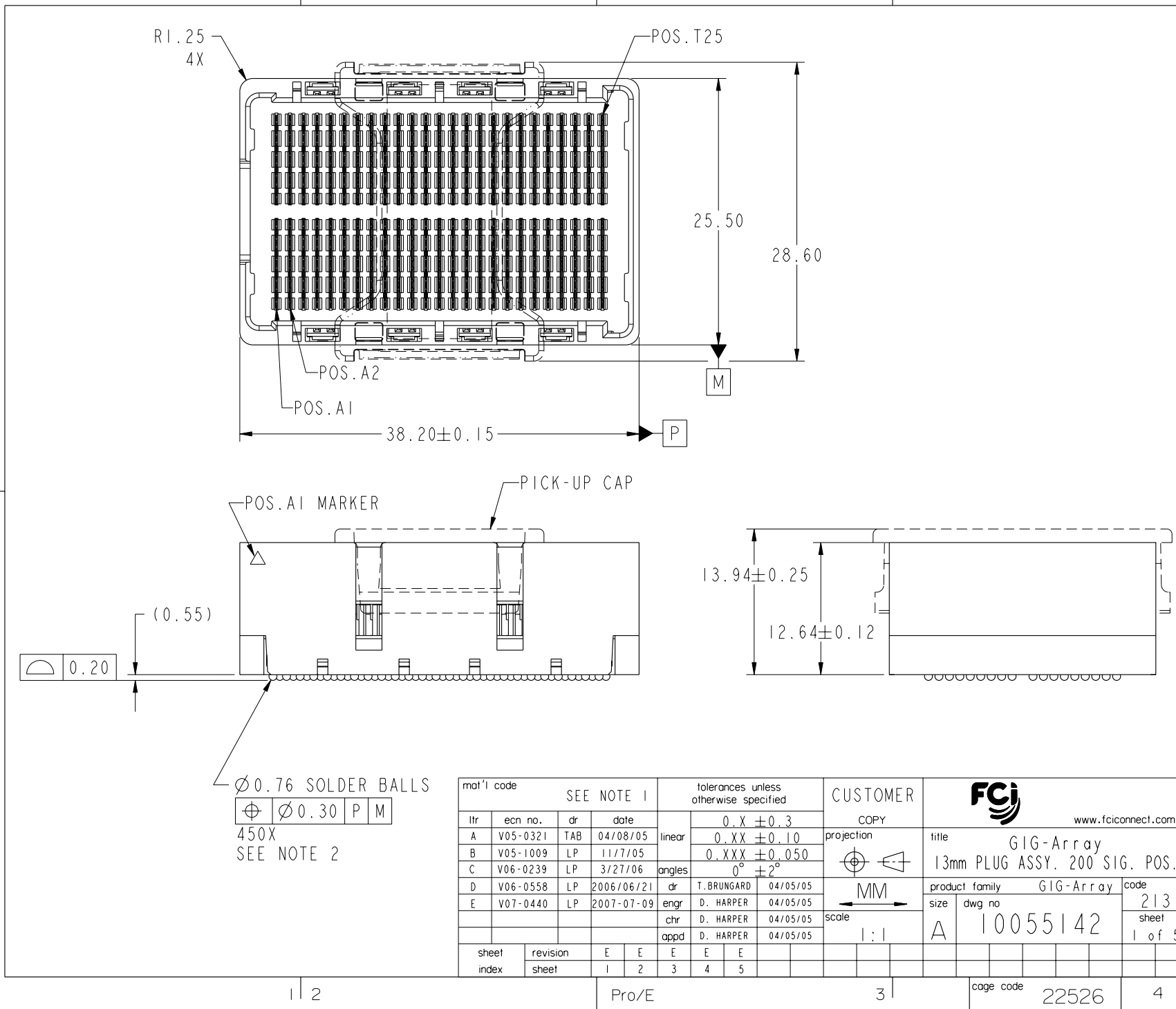
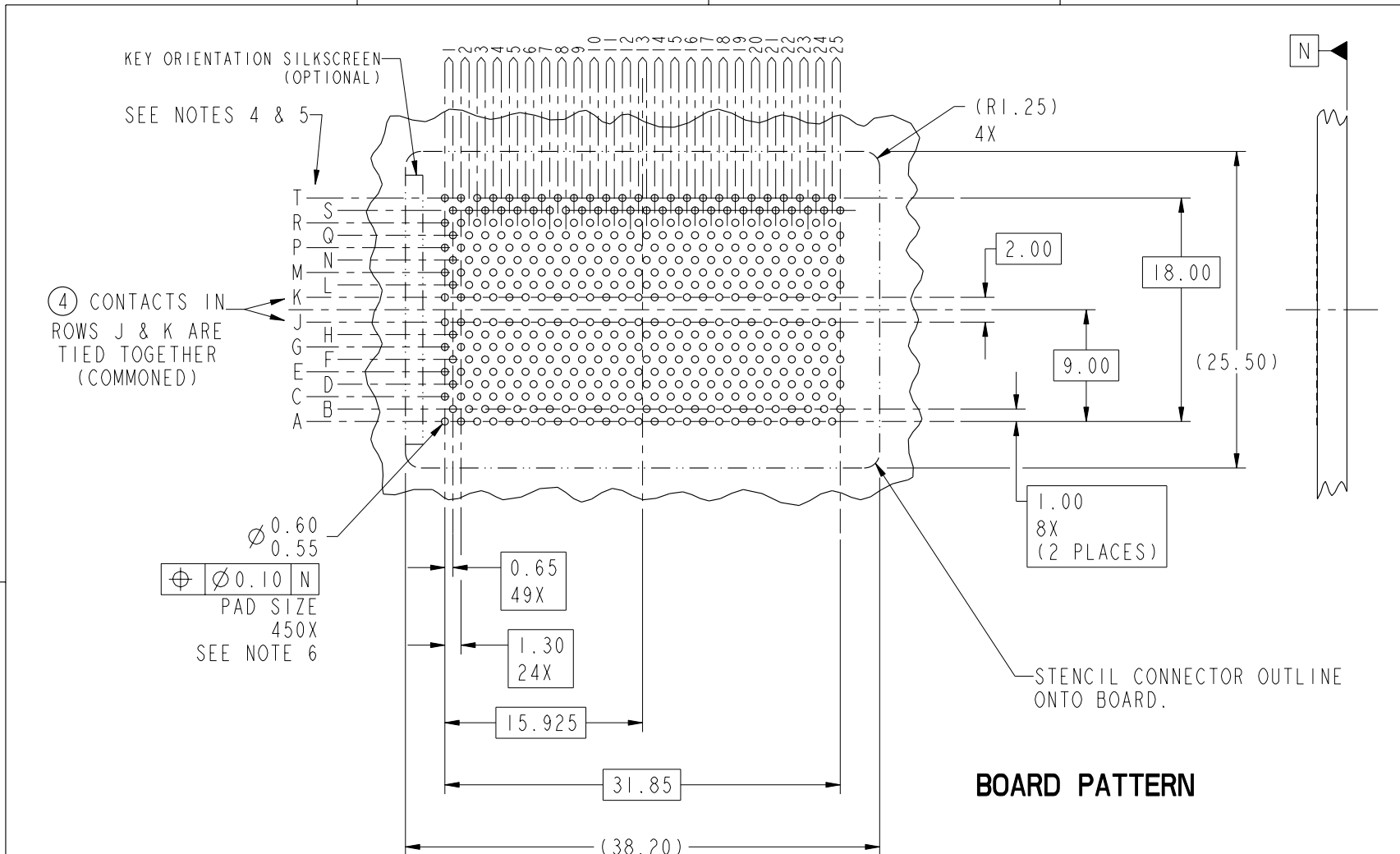
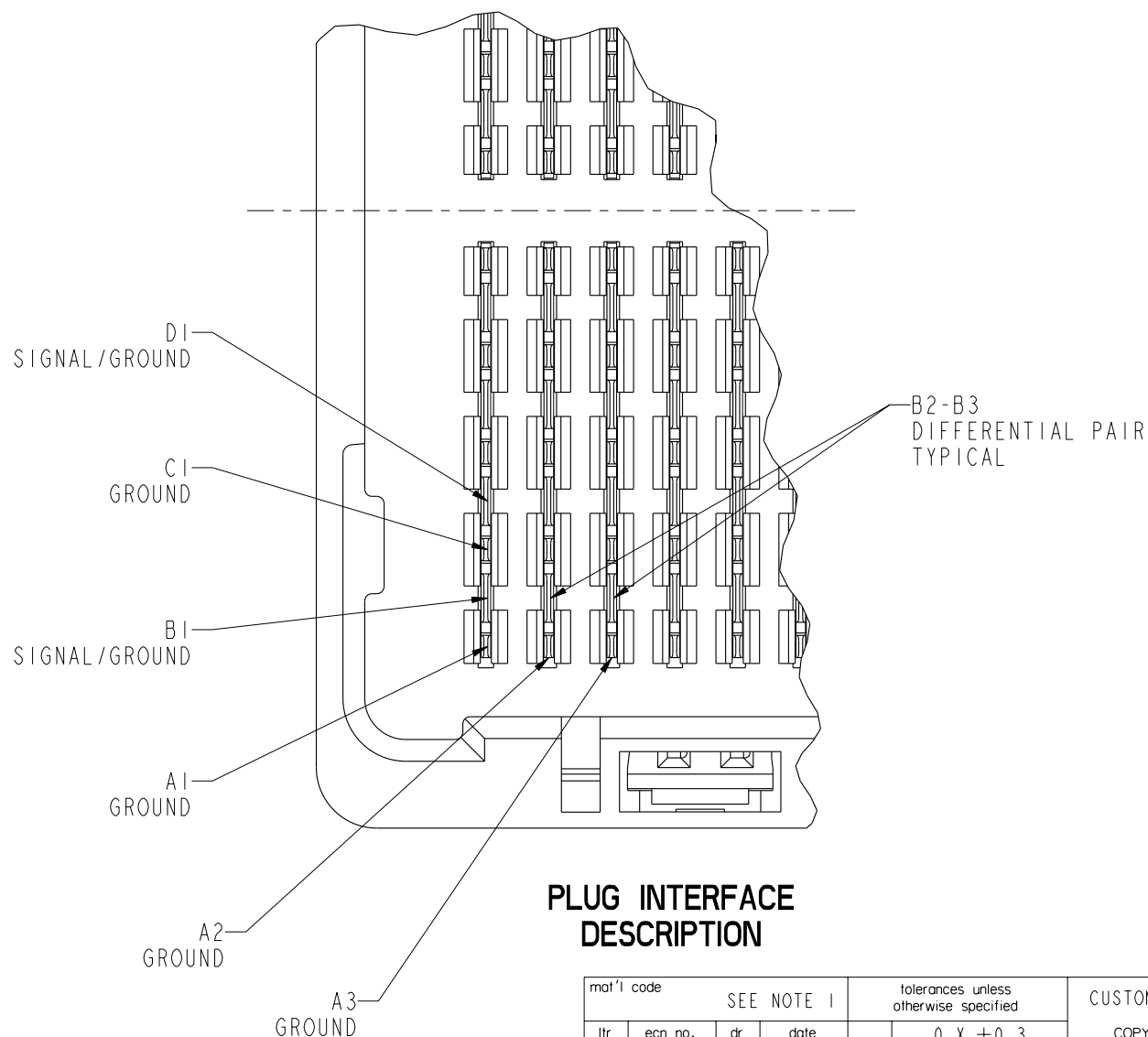


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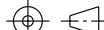




mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
SEE NOTE 1						COPY		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	projection		title GIG-Array 13mm PLUG ASSY. 200 SIG. POS.	
E	-	-	-		0.XX ±0.10				
					0.XXX ±0.050				
				angles	0° ±2°	MM		product family GIG-Array	
				dr	T.BRUNGARD 04/05/05			size	code 213
				enrg	D. HARPER 04/05/05				sheet 2
				chr	D. HARPER 04/05/05	scale	2:1	A 10055142	
				appd	D. HARPER 04/05/05				
sheet index	revision sheet							cage code 22526	



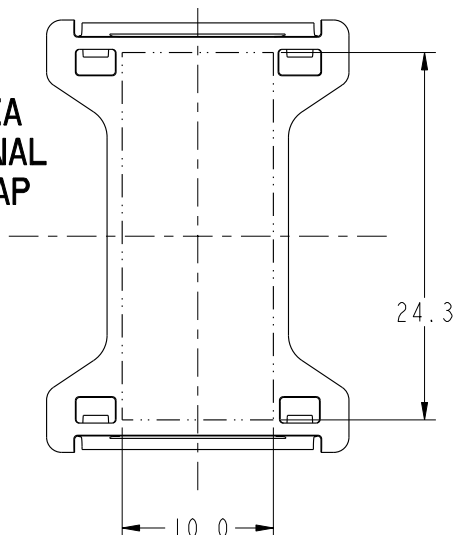
PLUG INTERFACE DESCRIPTION

mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY					title GIG-Array 13mm PLUG ASSY. 200 SIG. POS.						
E	-	-	-		0.XX ±0.10															
					0.XXX ±0.050															
				angles	0° ±2°															
				dr	T.BRUNGARD	04/05/05							product family				GIG-Array	code		
				engr	D. HARPER	04/05/05							size				dwg no		213	
				chr	D. HARPER	04/05/05							scale				10055142		sheet	
				appd	D. HARPER	04/05/05			7:1				A				3			
sheet index		revision sheet																		



PRODUCT NUMBER	SOLDER BALL
10055142-001	SnPb
10055142-001LF	SnAgCu LEAD FREE SEE NOTE 7 8

FLAT AREA
FOR OPTIONAL
PICK-UP CAP



NOTES:

① MAT'L:

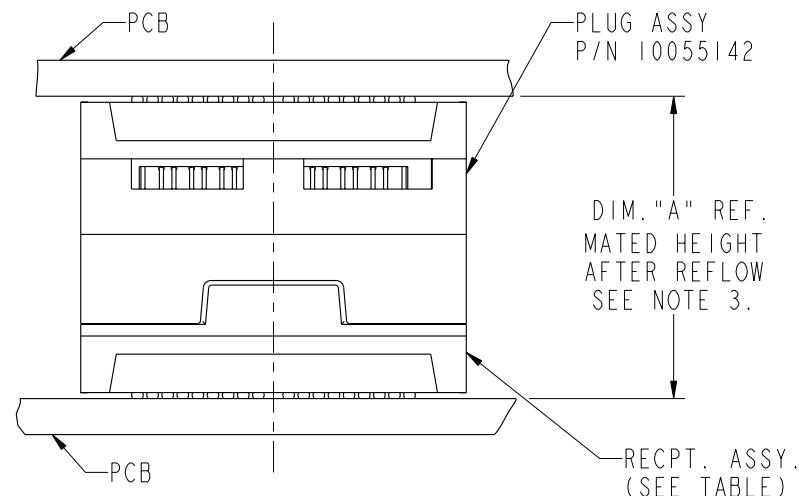
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
SOLDER BALL: (SEE TABLE) EUTECTIC
SnPb OR LEADFREE 95.5 Sn/4Ag/0.5Cu

② SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

③ MATED HEIGHT EFFECTED BY CUSTOMERS'
PCB PAD SIZE, PLATING, SOLDER REFLOW
PROFILE & SOLDER PASTE.

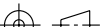
④ CONTACTS IN ROWS A,C,E,G,J,K,M,P,R AND T
ARE SINGLE BEAM CONTACTS,
TYPICALLY USED AS GROUND PINS.
(NOTE: CONTACTS IN ROWS J & K ARE
TIED TOGETHER [COMMONED])

⑤ CONTACTS IN ROWS B,D,F,H,L,N,Q AND S
ARE DUAL BEAM CONTACTS,
TYPICALLY USED AS SIGNAL PINS.



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
28	55741
18	55740

mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0. X $\pm$ 0.3				COPY				title GIG-Array 13mm PLUG ASSY. 200 SIG. POS.						
E	-	-	-		0. XX $\pm$ 0.10				projection 										
					0. XXX $\pm$ 0.050														
				angles	0° $\pm$ 2°				MM  scale 1:1				product family GIG-Array				code		
				dr	T. BRUNGARD	04/05/05		size					dwg no		213				
				enrg	D. HARPER	04/05/05													
				chr	D. HARPER	04/05/05													
				appd	D. HARPER	04/05/05													
sheet index		revision sheet																	



- ⑥ SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE DOC. NO. GS-20-016.
- ⑦ FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033 LEADFREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE, LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS, REFERENCE FCI APPLICATION SPECIFICATION.
- ⑧ THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE MEMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTOR POSITION.

mat'l code				SEE NOTE 1			tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date											
E	-	-	-	linear			0.X ± 0.3		COPY					
							0.XX ± 0.10		projection					
							0.XXX ± 0.050							
				angles			0° $\pm 2^\circ$							
				dr	T.BRUNGARD	04/05/05								
				enrg	D. HARPER	04/05/05								
				chr	D. HARPER	04/05/05								
				appd	D. HARPER	04/05/05								
sheet	revision													
index	sheet													